JVC

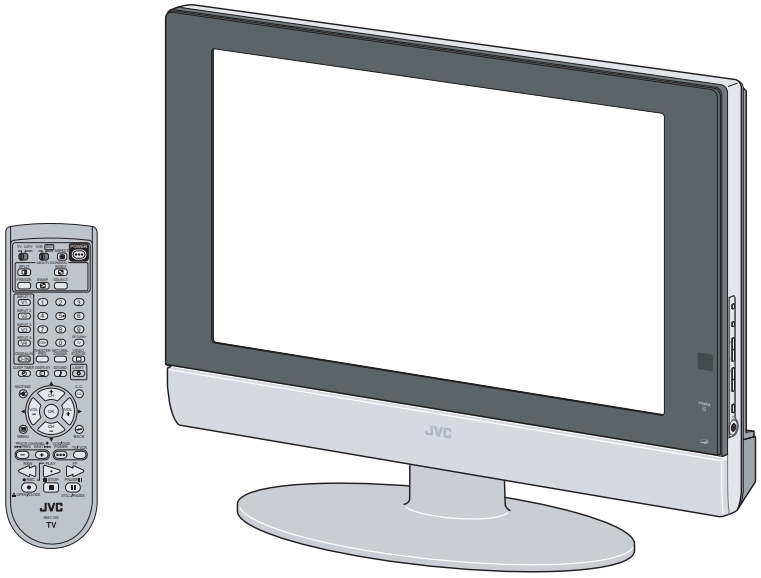
SCHEMATIC DIAGRAMS

LCD FLAT TELEVISION

LT-26WX84/SJ

CD-ROM No.SML200311

BASIC CHASSIS
SB5



I'Art™ Palette

D.I.S.T. Digital Image Scaling Technology

BBE

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No.YA003
2003/10

LT-26WX84/SJ
STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal	
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped	
(3)Internal resistance of tester	: DC 20kΩ/V	
(4)Oscilloscope sweeping time	: H	⇒ 20µs / div
	: V	⇒ 5ms / div
	: Othters	⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values	

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [µF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [µF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

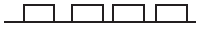
(3)Coils

No unit	: [µH]
Others	: As specified

(4)Power Supply

: B1

: B2 (12V)

: 9V

: 5V

∗ Respective voltage values are indicated

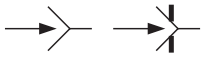
(5)Test point


: Test point

: Only test point display

(6)Connecting method


: Connector

: Wrapping or soldering

: Receptacle

(7)Ground symbol


: LIVE side ground

: ISOLATED(NEUTRAL) side ground

: EARTH ground

: DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

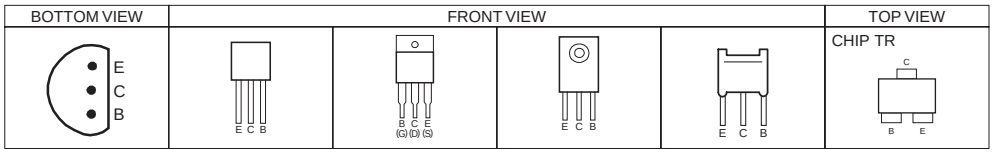
SEMICONDUCTOR SHAPES 2-2
BLOCK DIAGRAM 2-3
CIRCUIT DIAGRAMS 2-5
RECEIVER PWB CIRCUIT DIAGRAM 2-5
VIDEO PWB CIRCUIT DIAGRAM 2-11
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USING P.W. BOARD

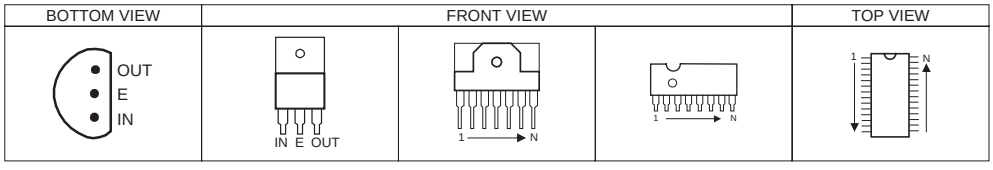
PWB ASS'Y name	LT-26WX84	
RECEIVER P.W. BOARD	LCA90182-01B	SSB-0J086A
VIDEO P.W. BOARD	LCA90152-03C	SSB-1086A
POWER P.W. BOARD	LCA90149-03E	SSB-9086A
REGURATOR P.W. BOARD	LCA90150-03C	SSB-9186A
FRONT SENSOR P.W. BOARD	LCA90155-03B	SSB-0L286A
FRONT CONTROL P.W. BOARD	LCA90154-03D	SSB-0L386A

SEMICONDUCTOR SHAPES

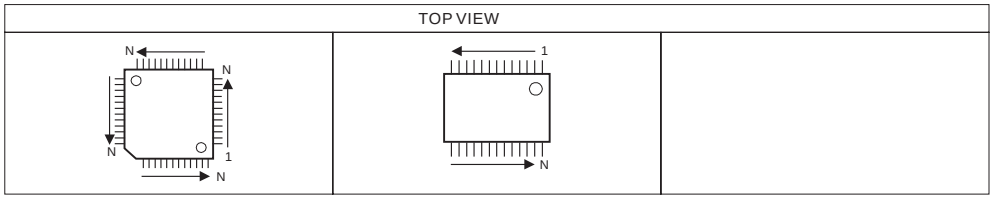
TRANSISTOR



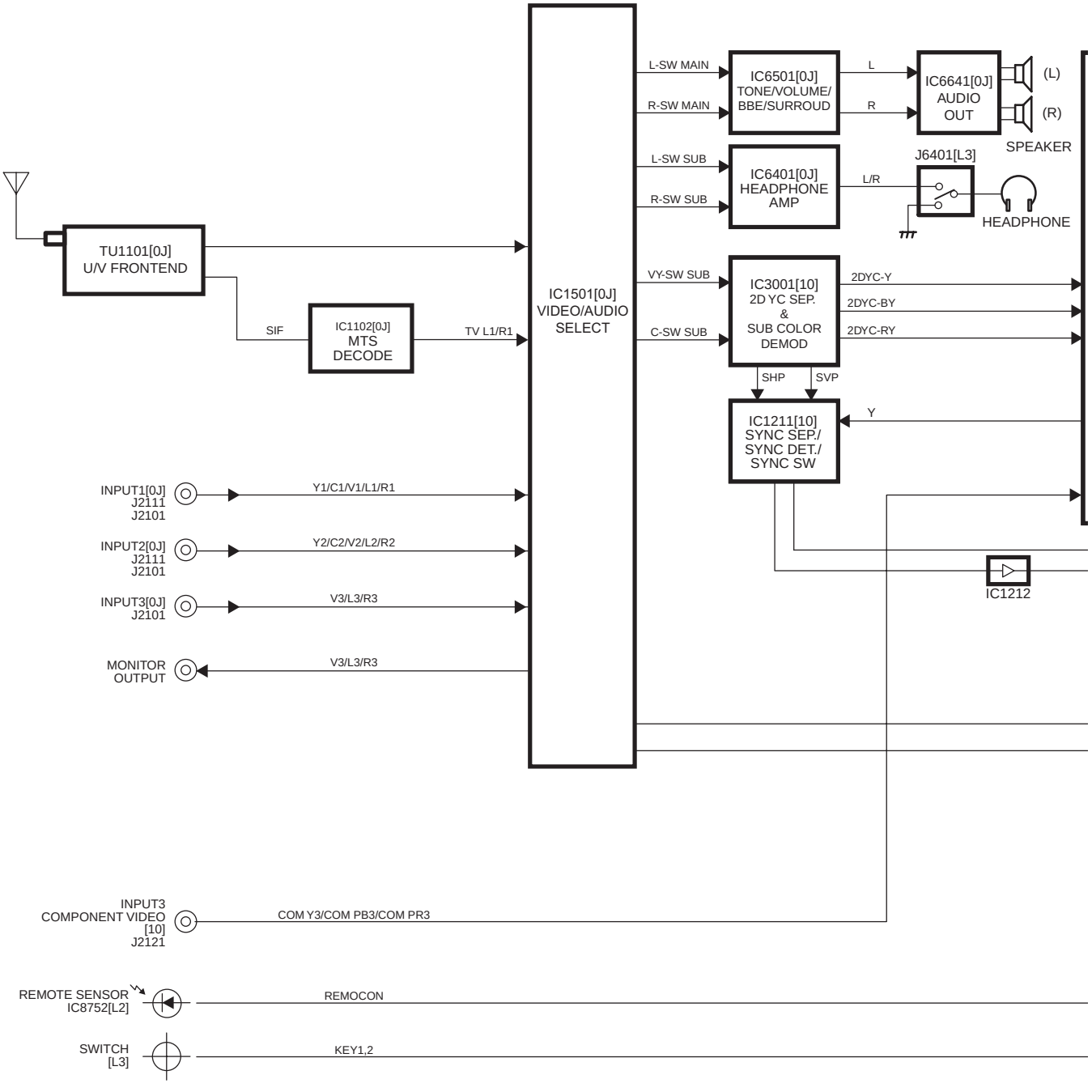
IC

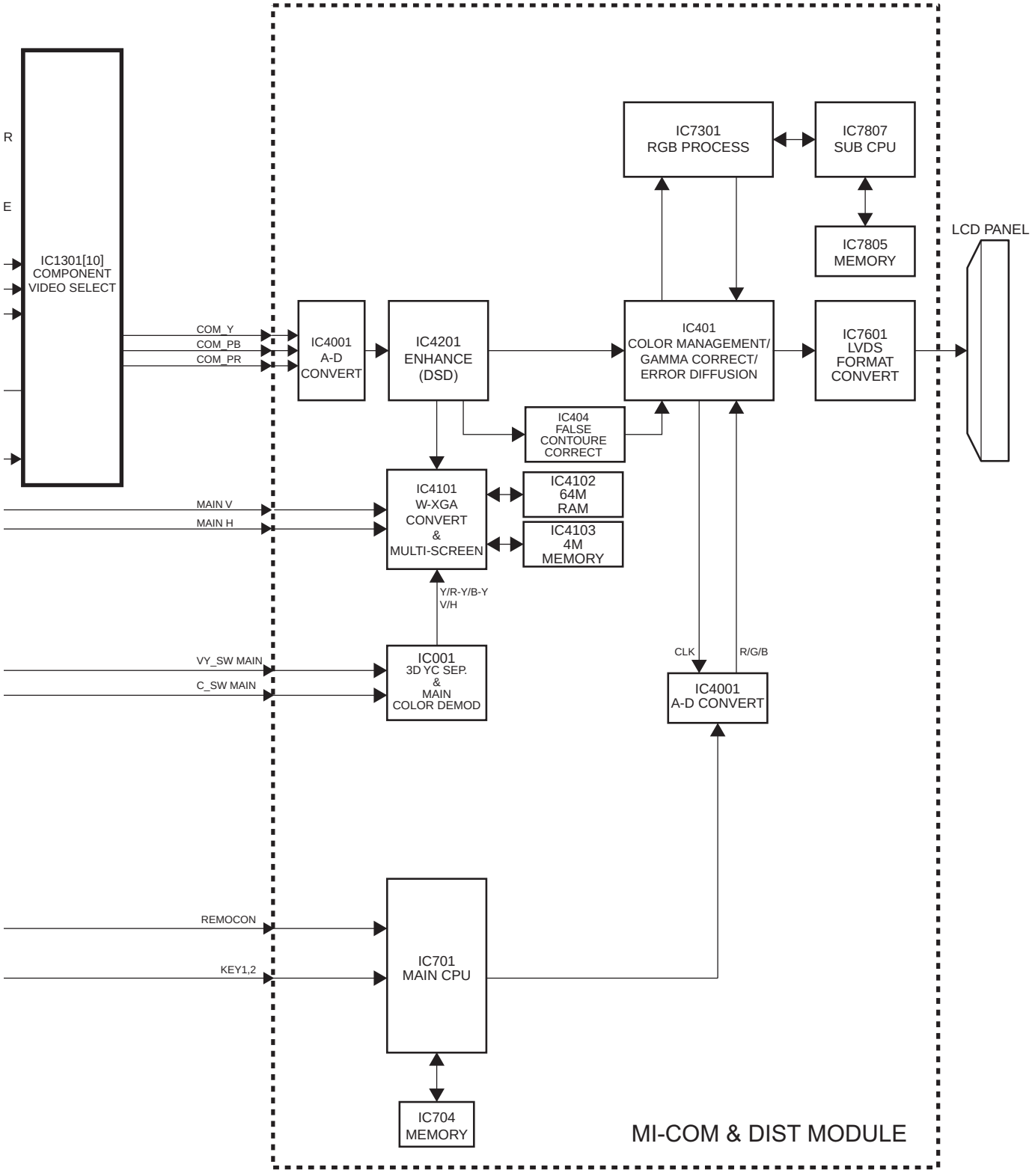


CHIP IC



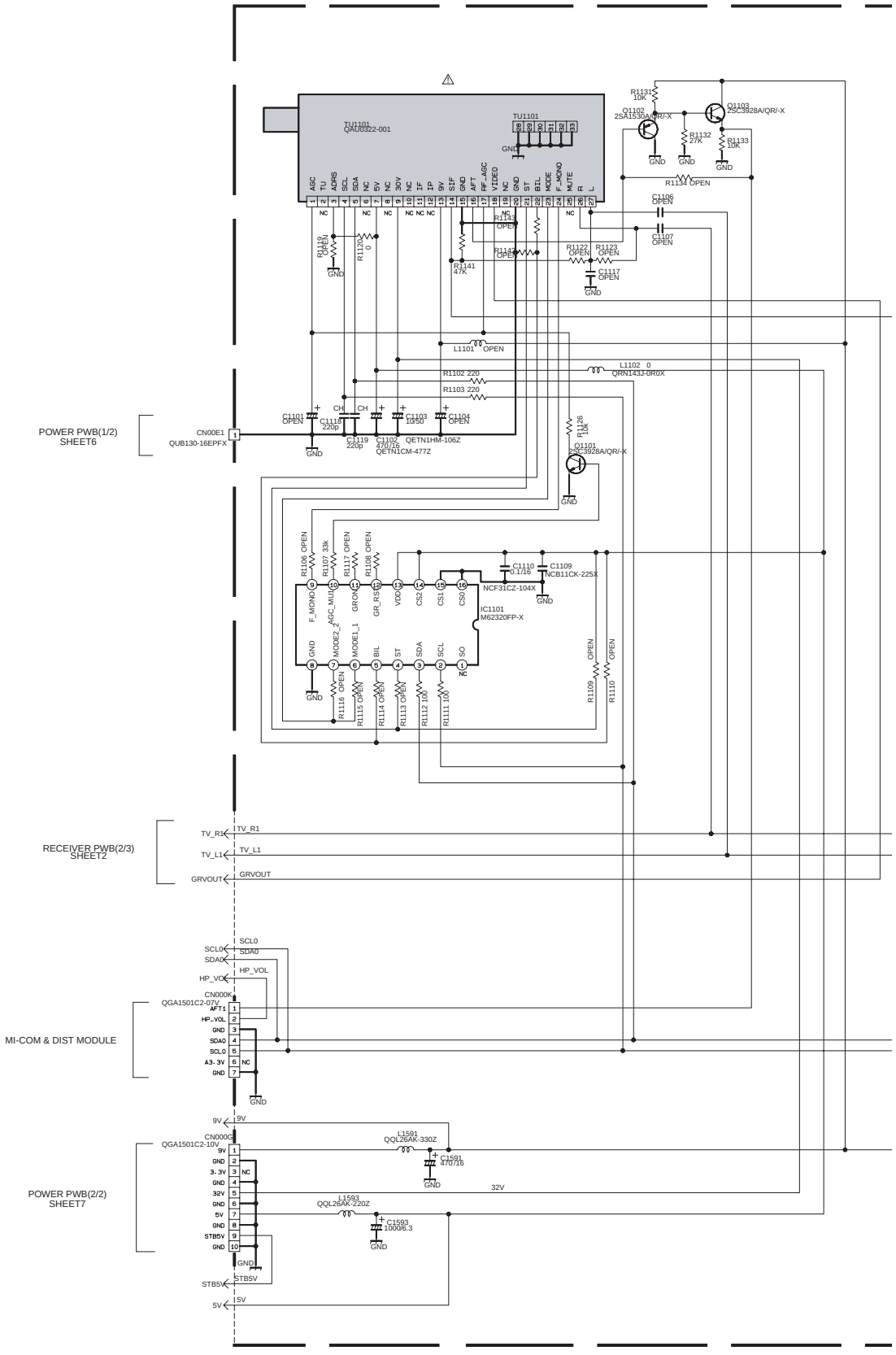
BLOCK DIAGRAM



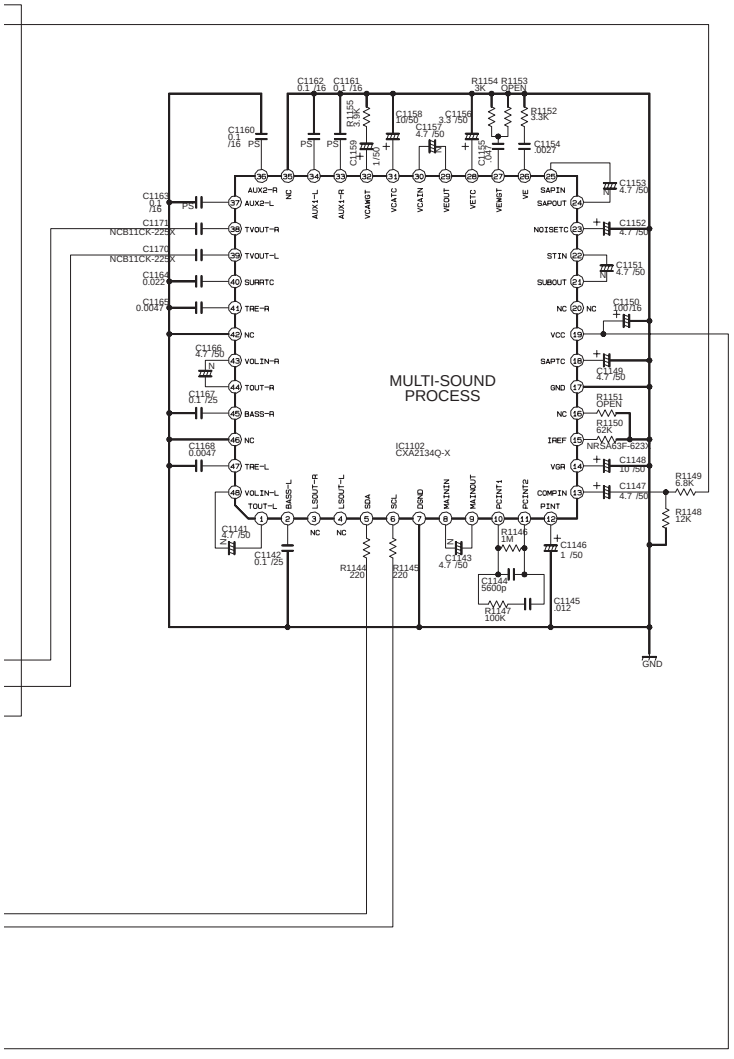

R
E
IC1301[10]
COMPONENT
VIDEO SELECT
COM_Y
COM_PB
COM_PR
IC4001
A-D
CONVERT
IC4201
ENHANCE
(DSD)
IC7301
RGB PROCESS
IC7807
SUB CPU
IC7805
MEMORY
LCD PANEL
IC401
COLOR MANAGEMENT/
GAMMA CORRECT/
ERROR DIFFUSION
IC7601
LVDS
FORMAT
CONVERT
IC404
FALSE
CONTOURE
CORRECT
MAIN V
MAIN H
IC4101
W-XGA
CONVERT
&
MULTI-SCREEN
IC4102
64M
RAM
IC4103
4M
MEMORY
Y/R-Y/B-Y
V/H
VY_SW MAIN
C_SW MAIN
IC001
3D YC SEP.
&
MAIN
COLOR DEMOD
CLK
R/G/B
IC4001
A-D CONVERT
REMOCON
KEY1,2
IC701
MAIN CPU
IC704
MEMORY
MI-COM & DIST MODULE

CIRCUIT DIAGRAMS

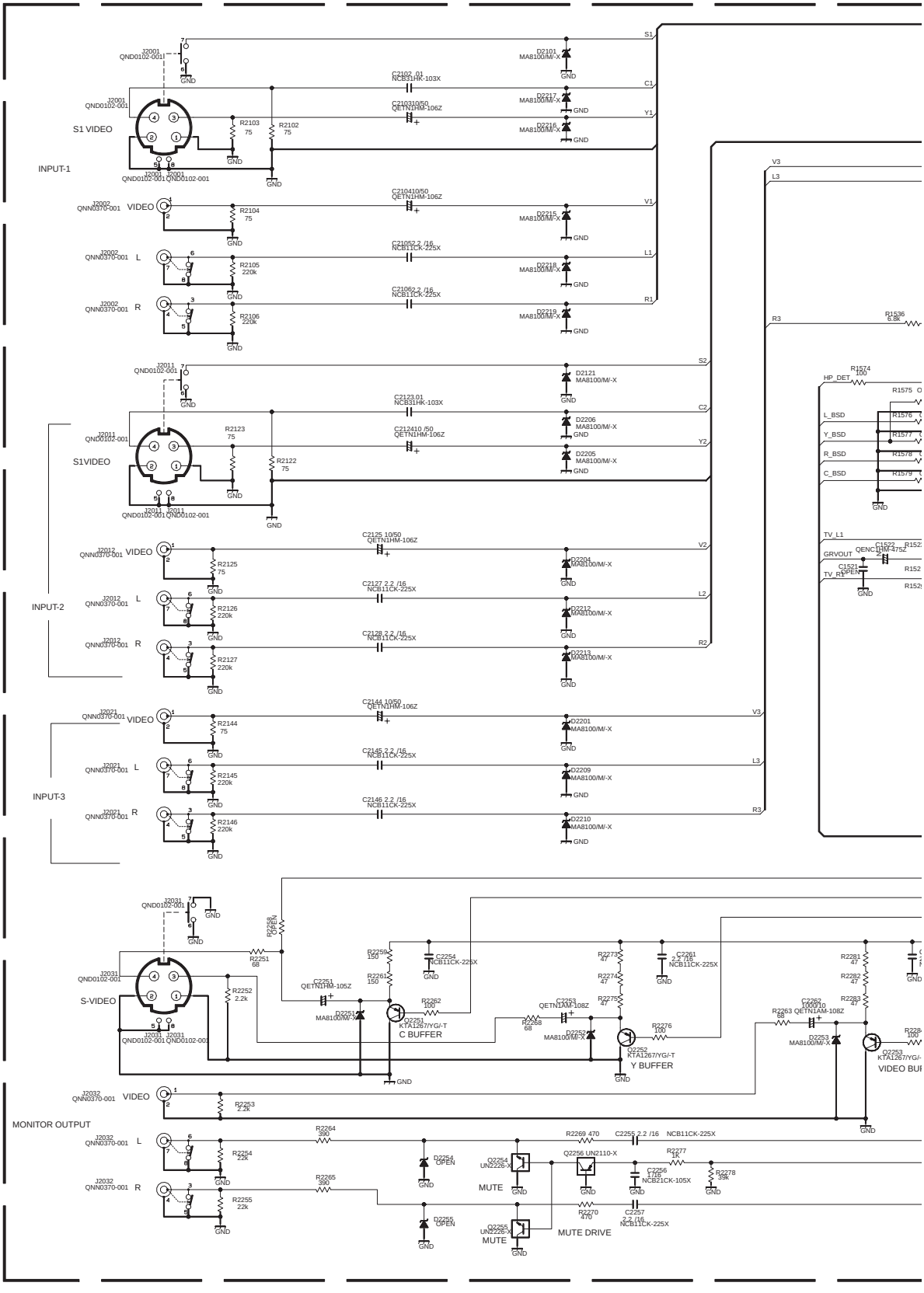
RECEIVER PWB CIRCUIT DIAGRAM (1/3) SHEET1



NOTES) 1.Please refer to page 2-35 for voltages of this circuit diagram.
2.Please refer to page 2-36 for waveforms of this circuit diagram.

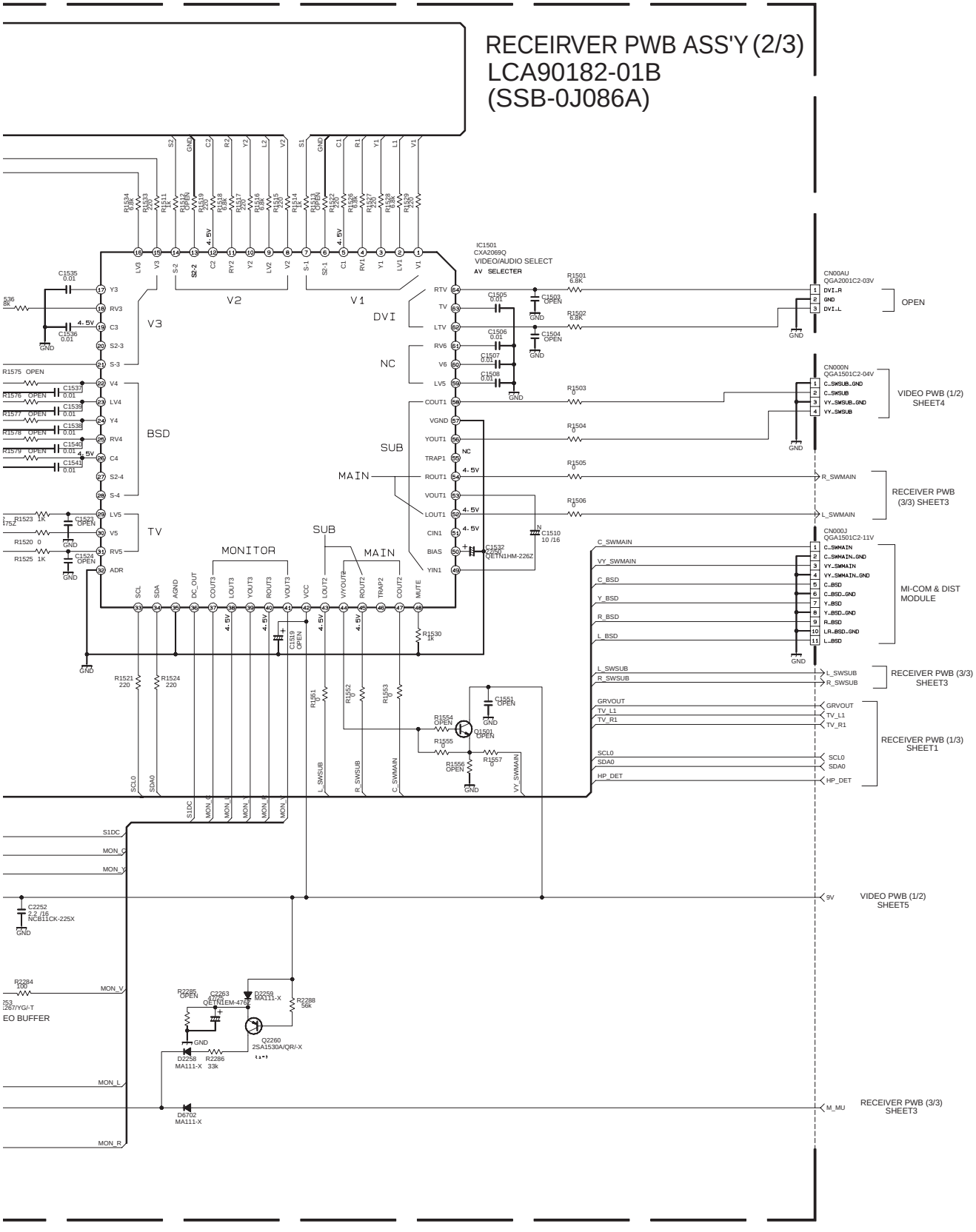


RECEIVER PWB ASS'Y (1/3)
LCA90182-01B
(SSB-0J086A)

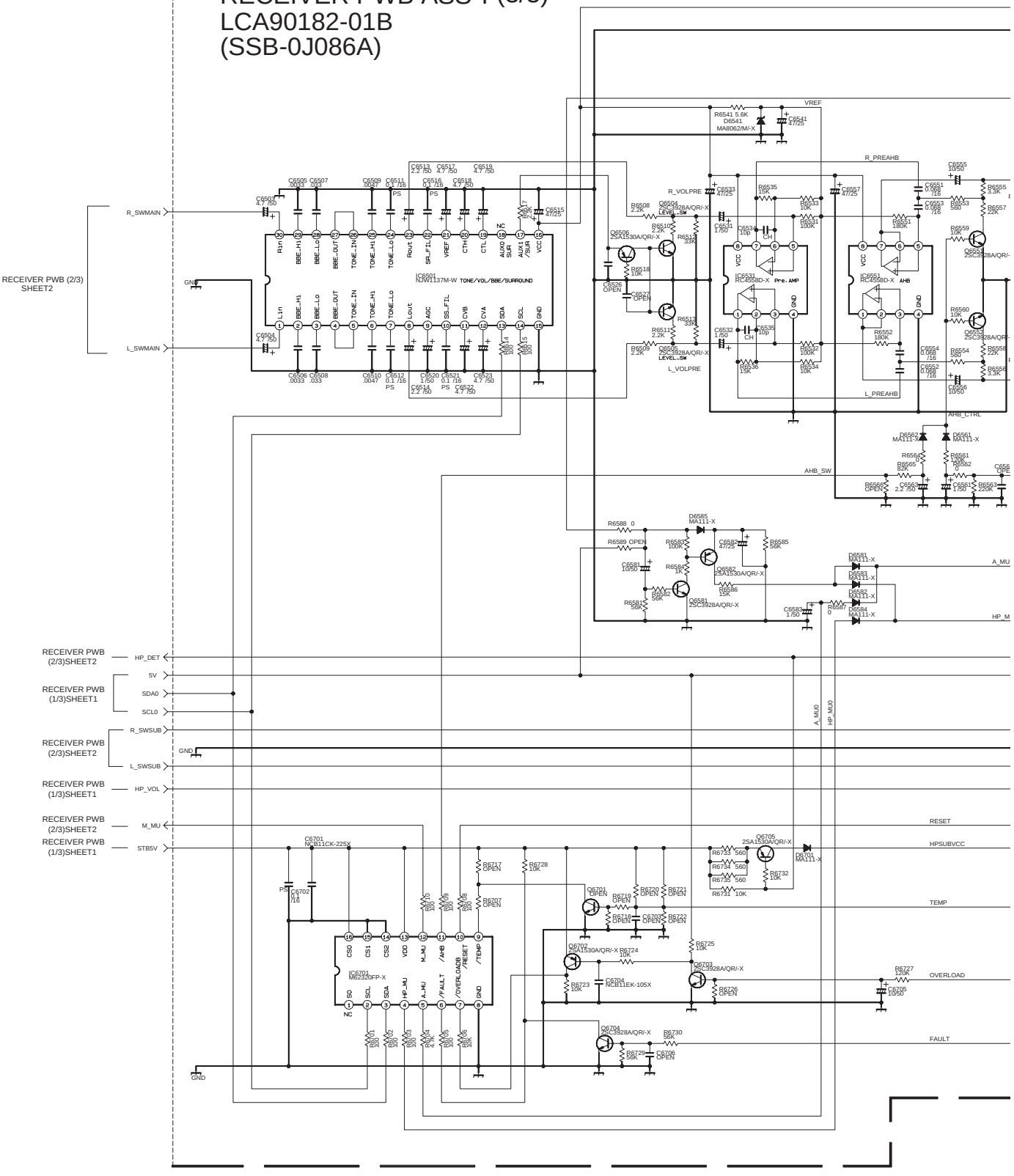


NOTES) 1.Please refer to page 2-35 for voltages of this circuit diagram.
2.Please refer to page 2-36 for waveforms of this circuit diagram.

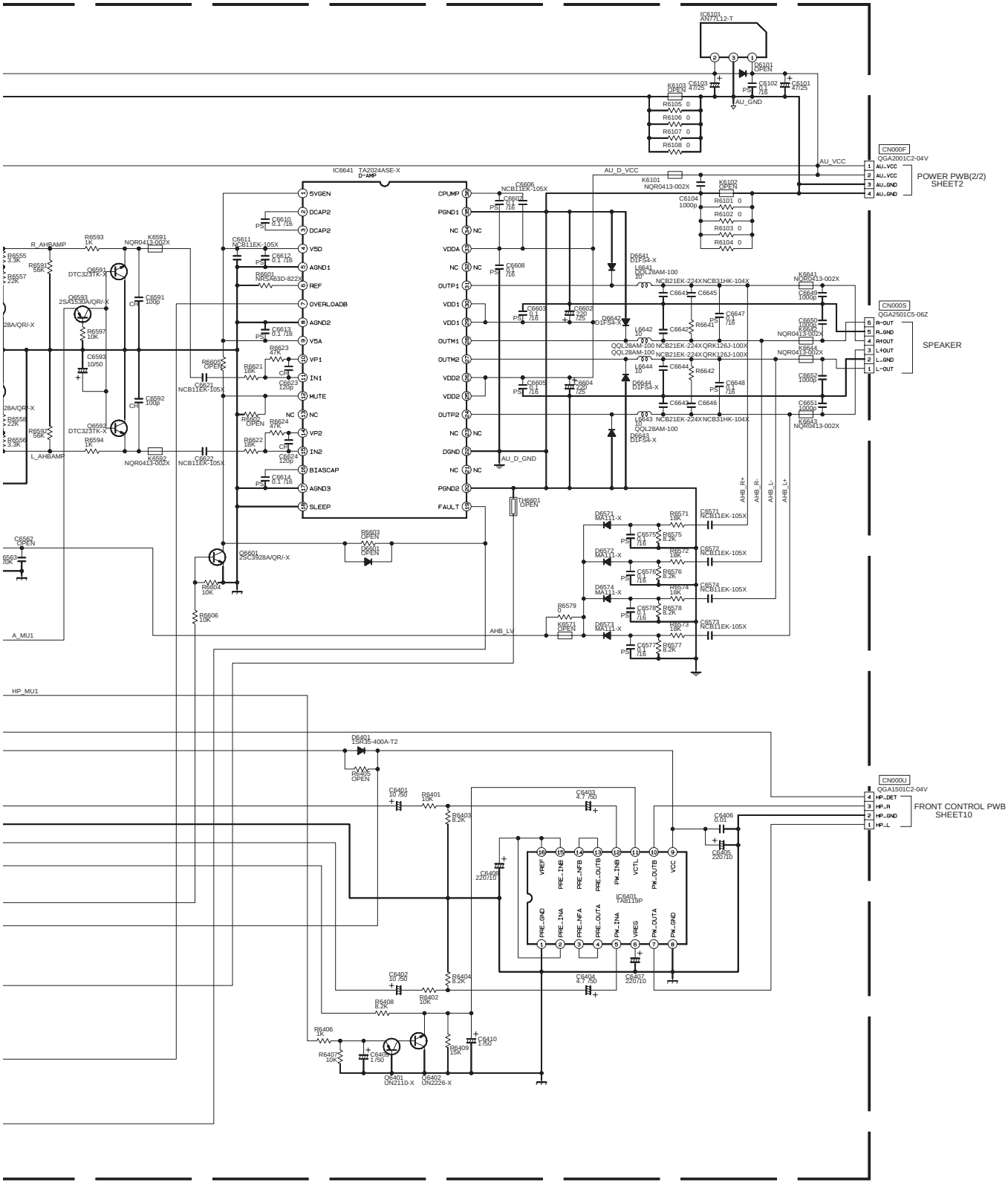
RECEIRVER PWB ASS'Y (2/3)
LCA90182-01B
(SSB-0J086A)



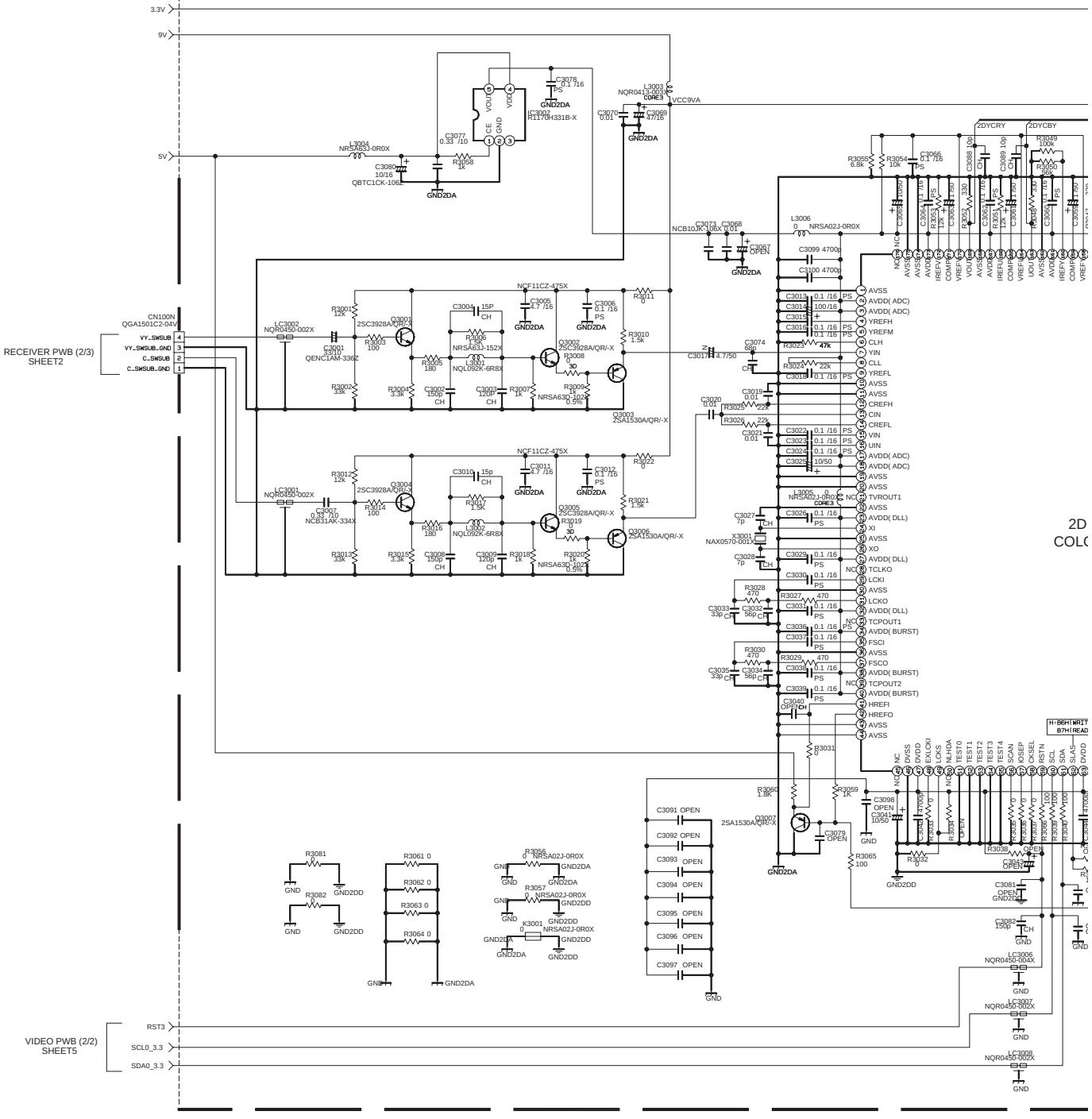
RECEIVER PWB ASS'Y (3/3)
LCA90182-01B
(SSB-0J086A)



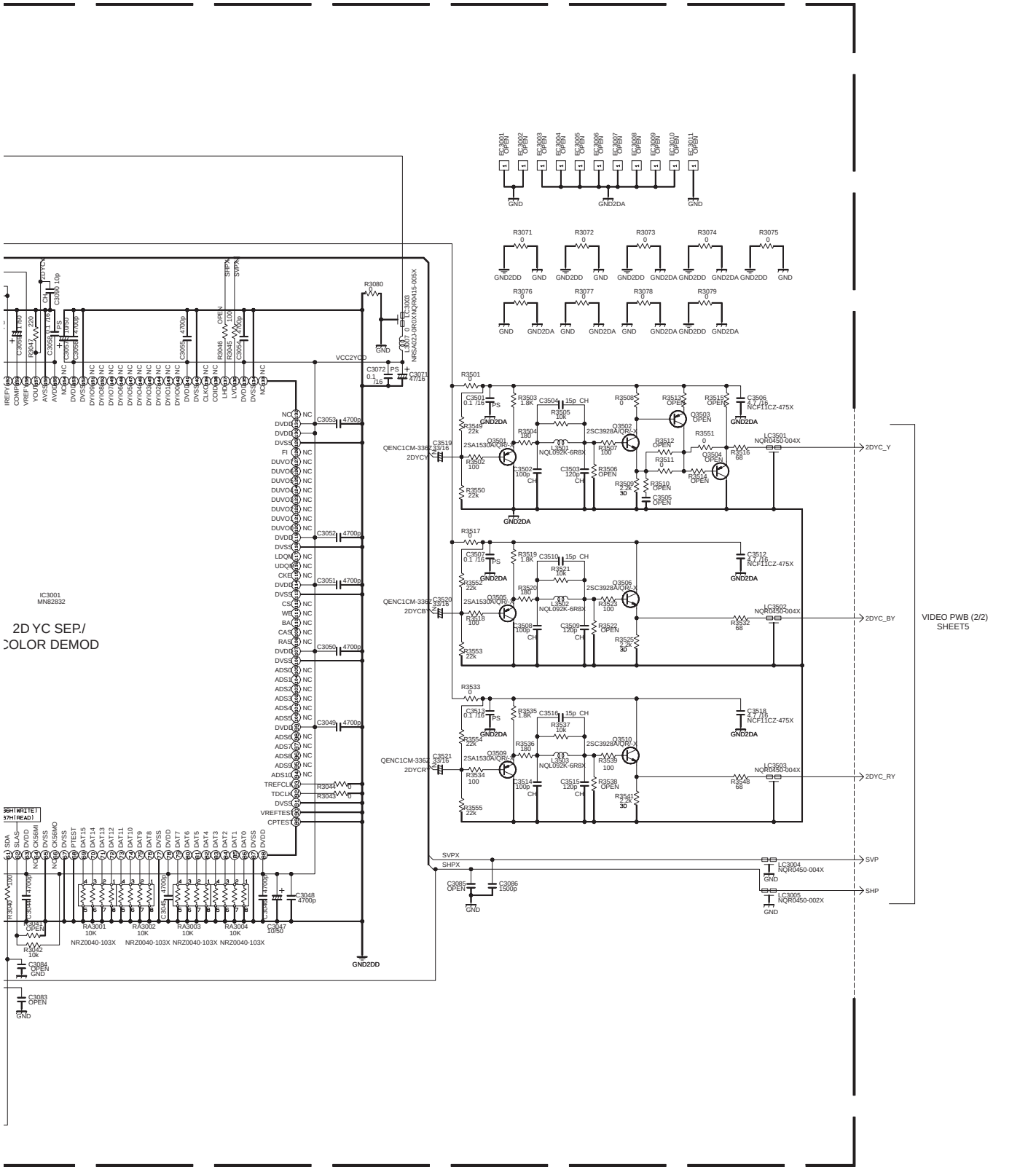
NOTES) 1.Please refer to page 2-36 for waveforms of this circuit diagram.

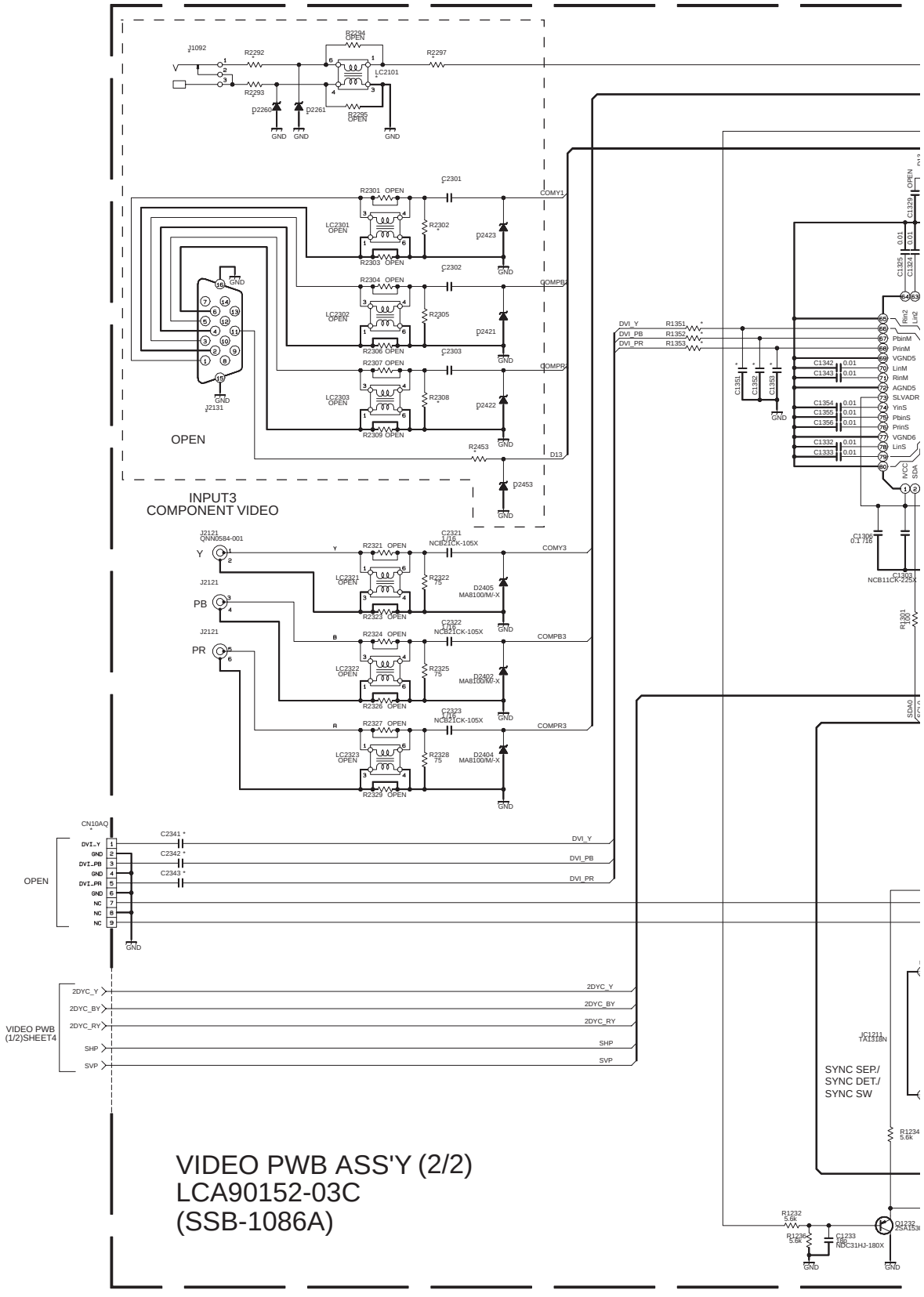

IC6101
AN7L12-T
K6101
NQR0413-002X
K6102
OPEN
C6104
1000p
R6101 0
R6102 0
R6103 0
R6104 0
K6103
OPEN
C6103
47/25
C6102
0.1
/16
C6101
47/25
R6105 0
R6106 0
R6107 0
R6108 0
AU_GND
AU_VCC
AU_D_VCC
CN000F
QGA2001C2-04V
AU_VCC
AU_VCC
AU_GND
AU_GND
POWER PWB(2/2)
SHEET2
IC6641 TA2024ASE-X
D-AMP
5VGEN
DCAP2
DCAP2
VSD
AGND1
REF
OVERLOADB
AGND2
VSA
VP1
IN1
MUTE
NC
VP2
IN2
BIASCAP
AGND3
SLEEP
CPUMP
PGND1
NC
VDDA
NC
OUTP1
VDD1
VDD1
OUTM1
OUTM2
VDD2
VDD2
OUTP2
NC
DGND
NC
PGND2
FAULT
C6606
NCB11EK-105X
C6607
0.1
/16
C6608
0.1
/16
C6603
0.1
/16
C6602
220
/25
C6605
0.1
/16
C6604
220
/25
D6641
D1FS4-X
L6641
QQL28AM-100
10
NCB21EK-224X
NCB31HK-104X
C6641
C6645
K6641
NQR0413-002X
C6649
1000p
D6642
D1FS4-X
L6642
10
QQL28AM-100
NCB21EK-224X
QRK126J-100X
C6642
R6641
C6647
0.1
/16
C6650
1000p
K6642
NQR0413-002X
CN000S
QGA2501C5-06Z
R-OUT
R_GND
R+OUT
L+OUT
L_GND
L-OUT
SPEAKER
L6644
10
QQL28AM-100
NCB21EK-224X
QRK126J-100X
C6644
R6642
C6648
0.1
/16
K6644
NQR0413-002X
C6652
1000p
D6644
D1FS4-X
L6643
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QQL28AM-100
NCB21EK-224X
NCB31HK-104X
C6643
C6646
C6651
1000p
K6643
NQR0413-002X
D6643
D1FS4-X
TH6601
OPEN
AU_D_GND
R_AHBAMP
L_AHBAMP
R6593
1K
K6591
NQR0413-002X
K6592
NQR0413-002X
R6555
3.3K
R6591
56K
R6557
2.2K
Q6691
DTC323TK-X
Q6693
2SA1530A/QR/-X
C6691
CH
100p
R6597
10K
C6693
10/50
C6692
CH
100p
Q6692
DTC323TK-X
R6556
2.2K
R6592
56K
R6558
3.3K
R6594
1K
C6621
NCB11EK-105X
C6622
NCB11EK-105X
R6605
OPEN
R6621
18K
C6623
120p
R6622
18K
C6624
120p
R6624
47K
R6623
47K
C6613
0.1
/16
C6612
0.1
/16
C6611
NCB11EK-105X
C6610
0.1
/16
C6614
0.1
/16
R6601
NRSA63D-822X
Q6601
2SC3928A/QR/-X
R6604
10K
R6606
10K
R6603
OPEN
D6601
OPEN
C6562
OPEN
C6563
.01K
A_MU1
AHB_LV
AHB_R+
AHB_R-
AHB_L-
AHB_L+
D6571
MA111-X
R6571
18K
C6571
NCB11EK-105X
C6575
0.1
/16
R6575
8.2K
D6572
MA111-X
R6572
18K
C6572
NCB11EK-105X
C6576
0.1
/16
R6576
8.2K
D6574
MA111-X
R6574
18K
C6574
NCB11EK-105X
C6578
0.1
/16
R6578
8.2K
R6579
0
K6571
OPEN
D6573
MA111-X
R6573
18K
C6573
NCB11EK-105X
C6577
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/16
R6577
8.2K
HP_MU1
D6401
1SR35-400A-T2
R6435
OPEN
C6401
10/50
R6401
10K
R6403
8.2K
C6403
4.7/50
C6406
0.01
C6405
220/10
C6408
220/10
IC6401
TA8119P
VREF
PRE_INB
PRE_NFB
PRE_OUTB
PW_INB
VCTL
PW_OUTB
VCC
PRE_GND
PRE_INA
PRE_NFA
PRE_OUTA
PW_INA
VREG
PW_OUTA
PW_GND
C6402
10/50
R6404
8.2K
R6402
10K
C6404
4.7/50
C6407
220/10
R6408
8.2K
R6406
1K
R6407
10K
C6409
1/50
R6409
15K
C6410
1/50
Q6401
UN2110-X
Q6402
UN2226-X
CN000U
QGA1501C2-04V
HP_DET
HP_R
HP_GND
HP_L
FRONT CONTROL PWB
SHEET10

VIDEO PWB ASS'Y (1/2)
LCA90152-03C
(SSB-1086A)

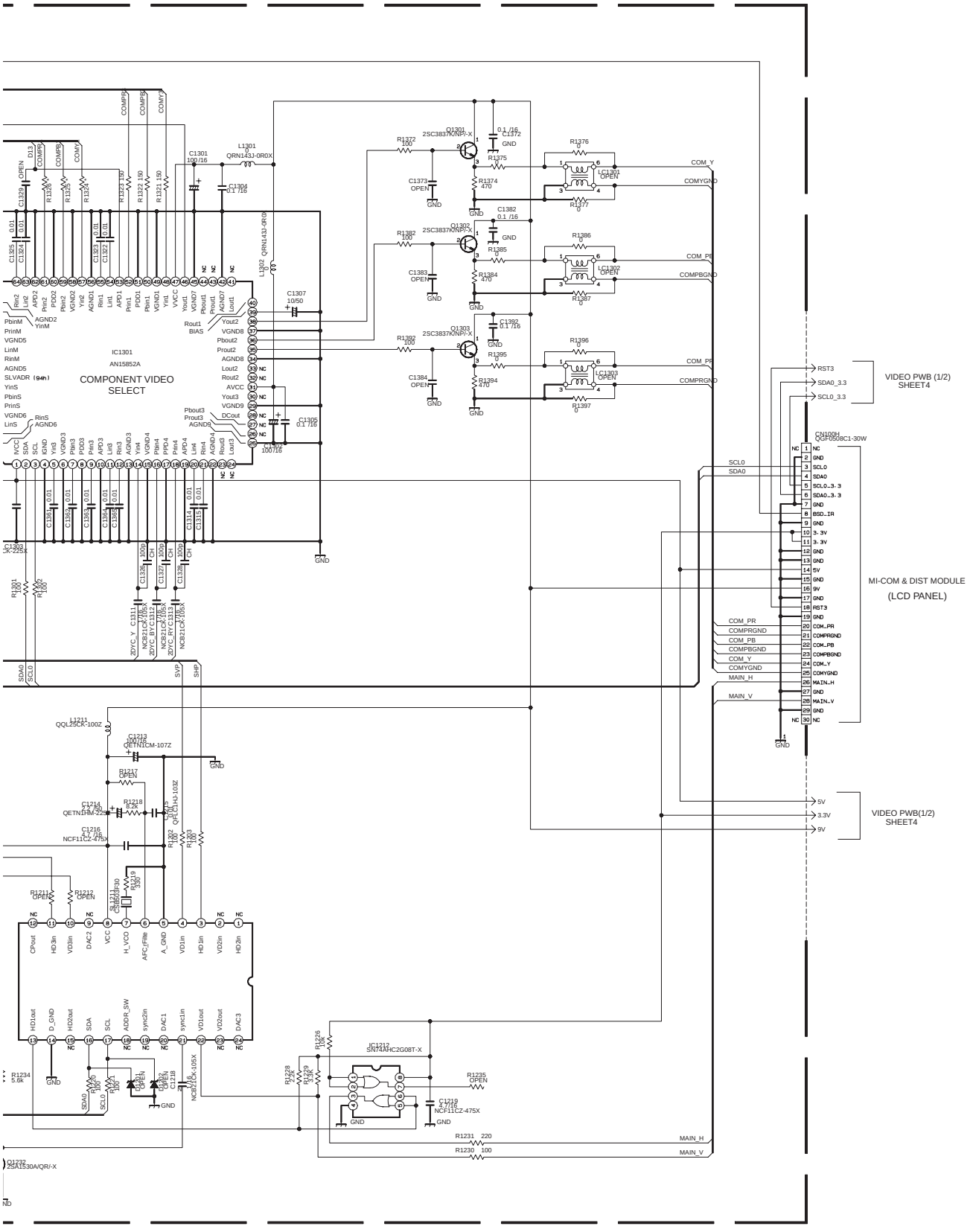


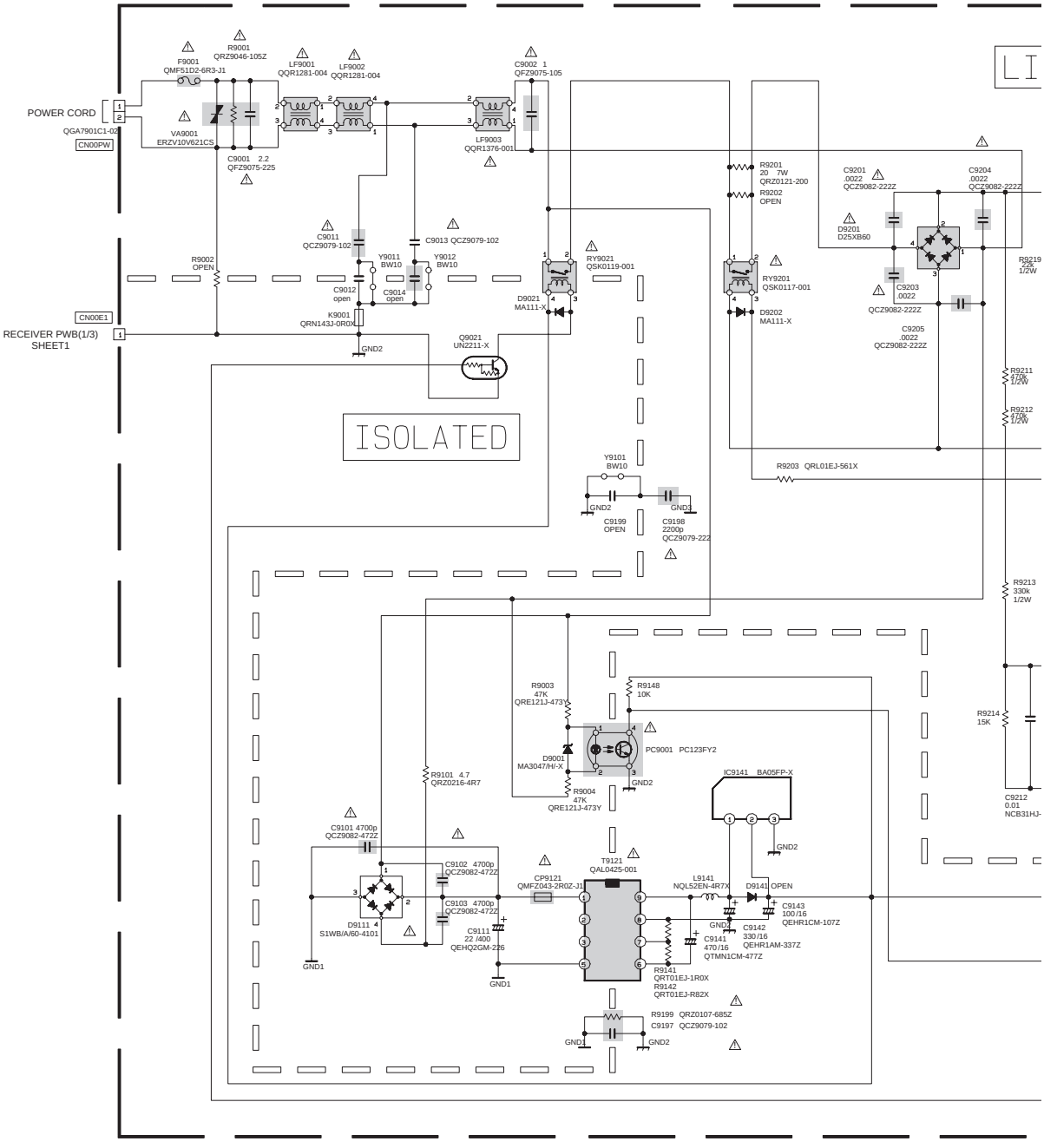
NOTES) 1.Please refer to page 2-35 for voltages of this circuit diagram.
2.Please refer to page 2-36 for waveforms of this circuit diagram.


IC3001
MN82832
2D YC SEP./
COLOR DEMOD
VIDEO PWB (2/2)
SHEET5
2DYC_Y
2DYC_BY
2DYC_RY
SVP
SHP
GND2DA
GND2DD
GND
VCC2YCD
QENC1CM-336
2DYCY
2DYCB
2DYCR
2SA1530A/QR
2SC3928A/QR
NQL092K-6RBX
NQR0450-004X
NQR0450-002X
NCF11CZ-475X
NRZ0040-103X
LC3003
NRS4023-0R0X1NQR0415-005X

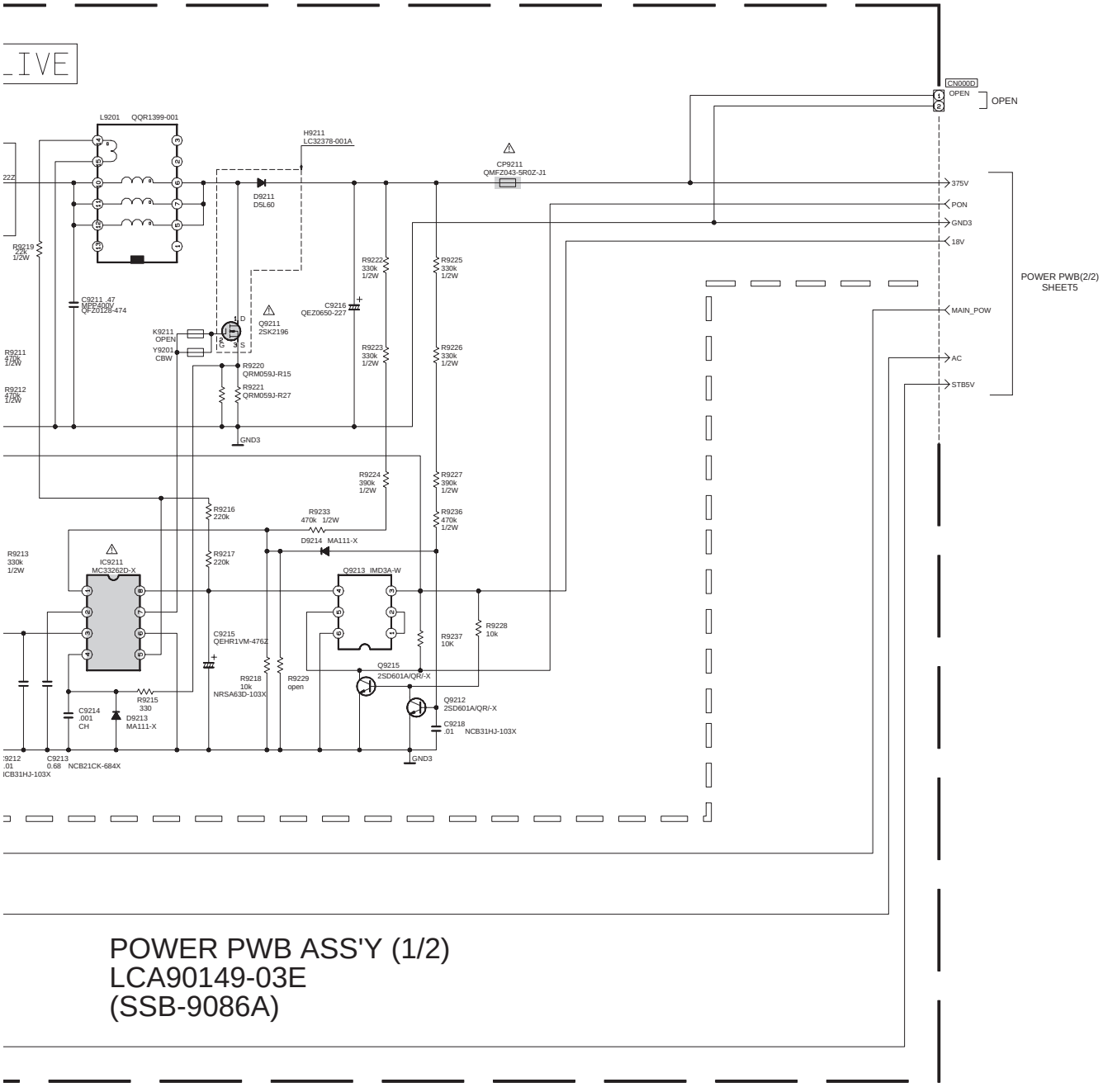


NOTES) 1.Please refer to page 2-35 for voltages of this circuit diagram.
2.Please refer to page 2-36 for waveforms of this circuit diagram.

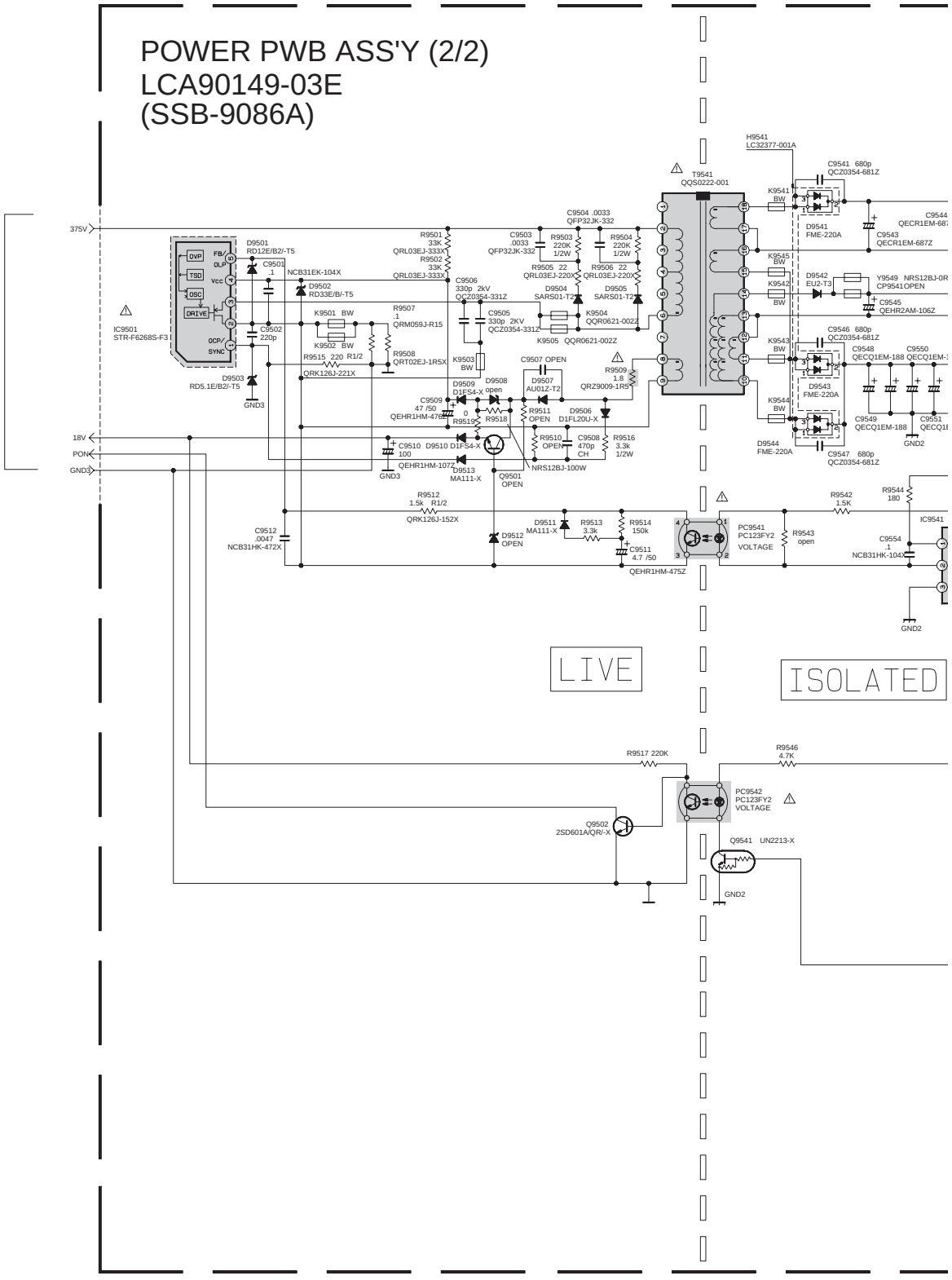

IC1301
AN15852A
COMPONENT VIDEO
SELECT
MI-COM & DIST MODULE
(LCD PANEL)
VIDEO PWB (1/2)
SHEET4
VIDEO PWB(1/2)
SHEET4
CN100H
QGF0508C1-30W
IC1212
SN74AHC2G08T-X
Q1301
2SC3837K0NP/-X
Q1302
2SC3837K0NP/-X
Q1303
2SC3837K0NP/-X
Q1232
2SA1530A/QR/-X
COMPONENT VIDEO
SELECT
COM_Y
COMYGND
COM_PB
COMPBGND
COM_PR
COMPRGND
MAIN_H
MAIN_V
SCL0
SDA0
RST3
SDA0_3.3
SCL0_3.3
5V
3.3V
9V
GND



NOTES) 1.Please refer to page 2-35 for voltages of circuit diagram

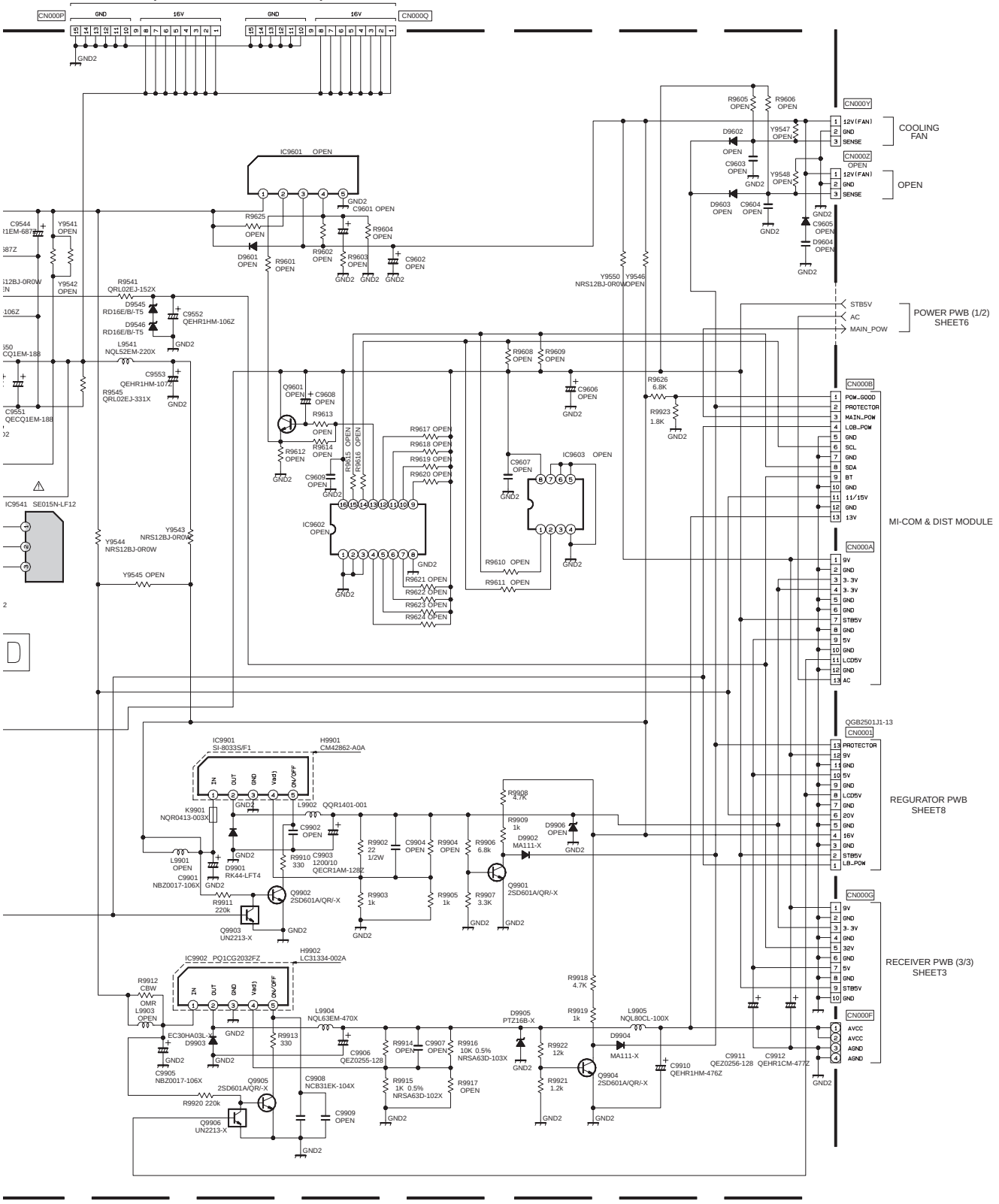


POWER PWB ASS'Y (1/2)
LCA90149-03E
(SSB-9086A)

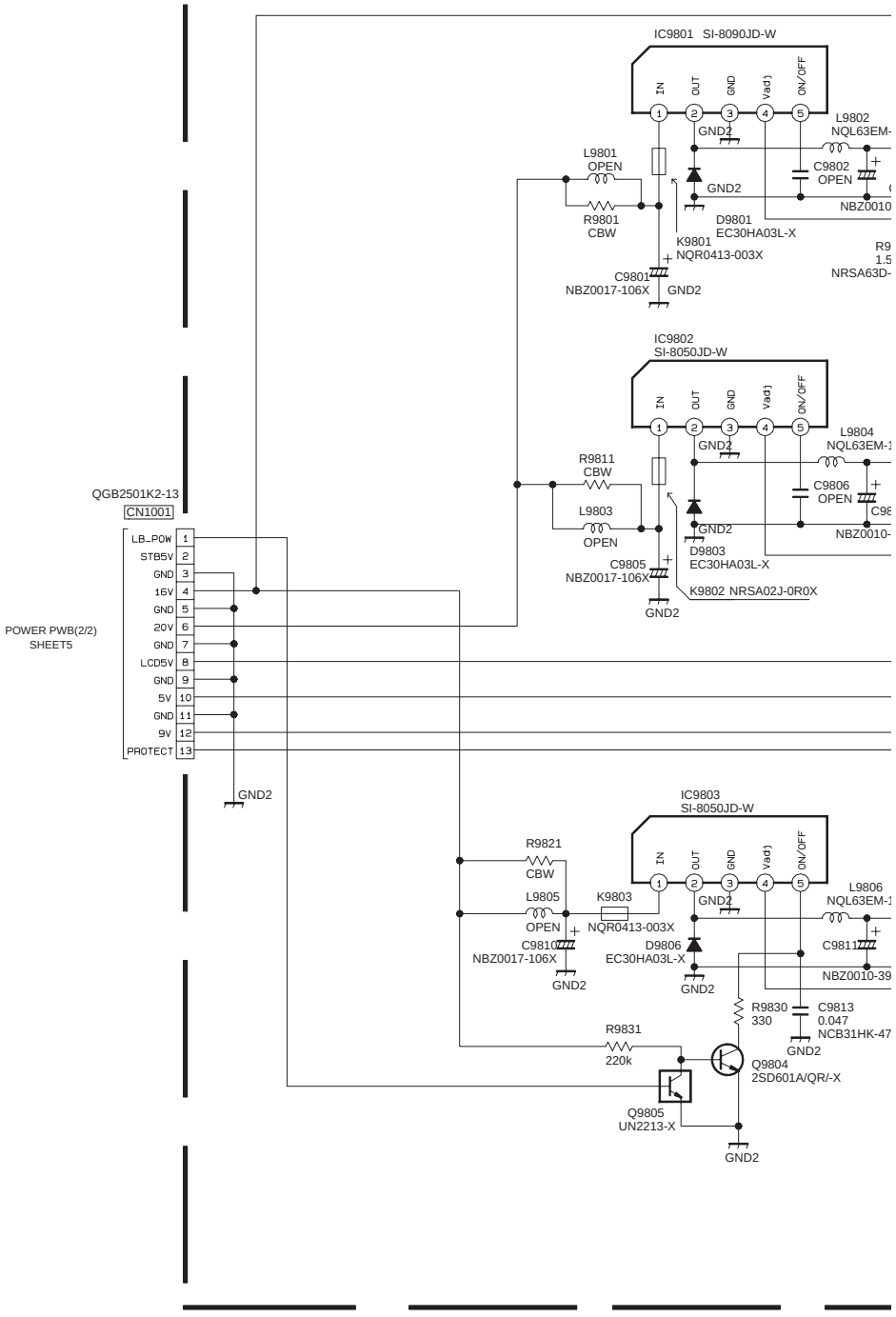


NOTES) 1.Please refer to page 2-35 for voltages of circuit diagram

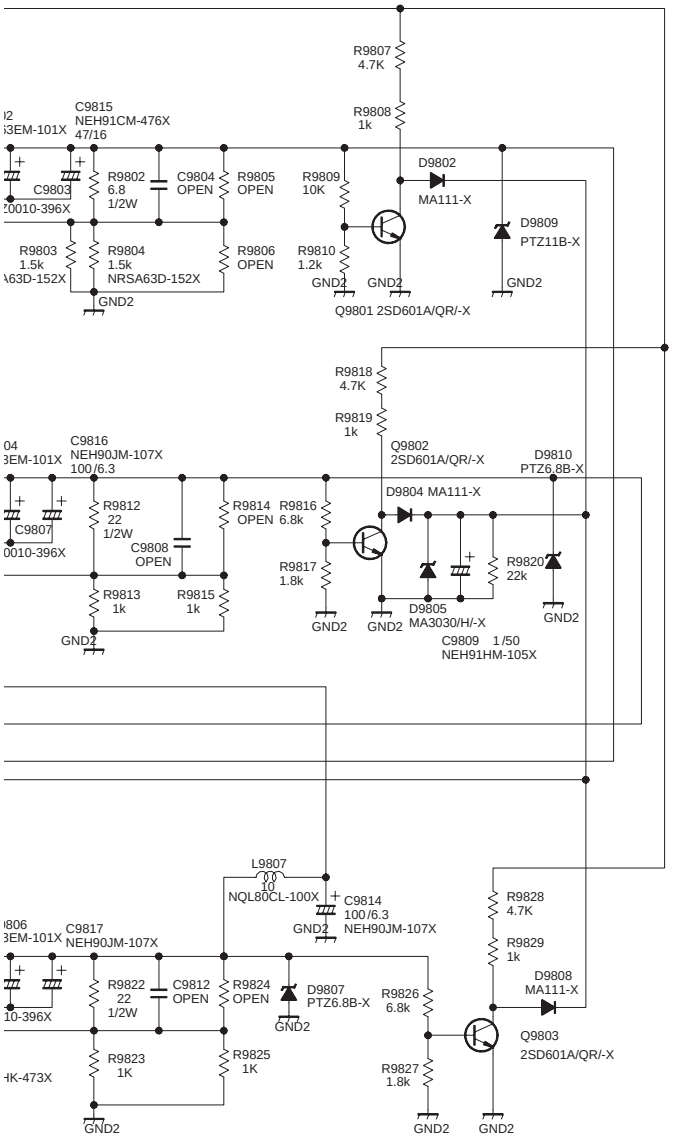
LCD PANEL (INVERTER PWB)

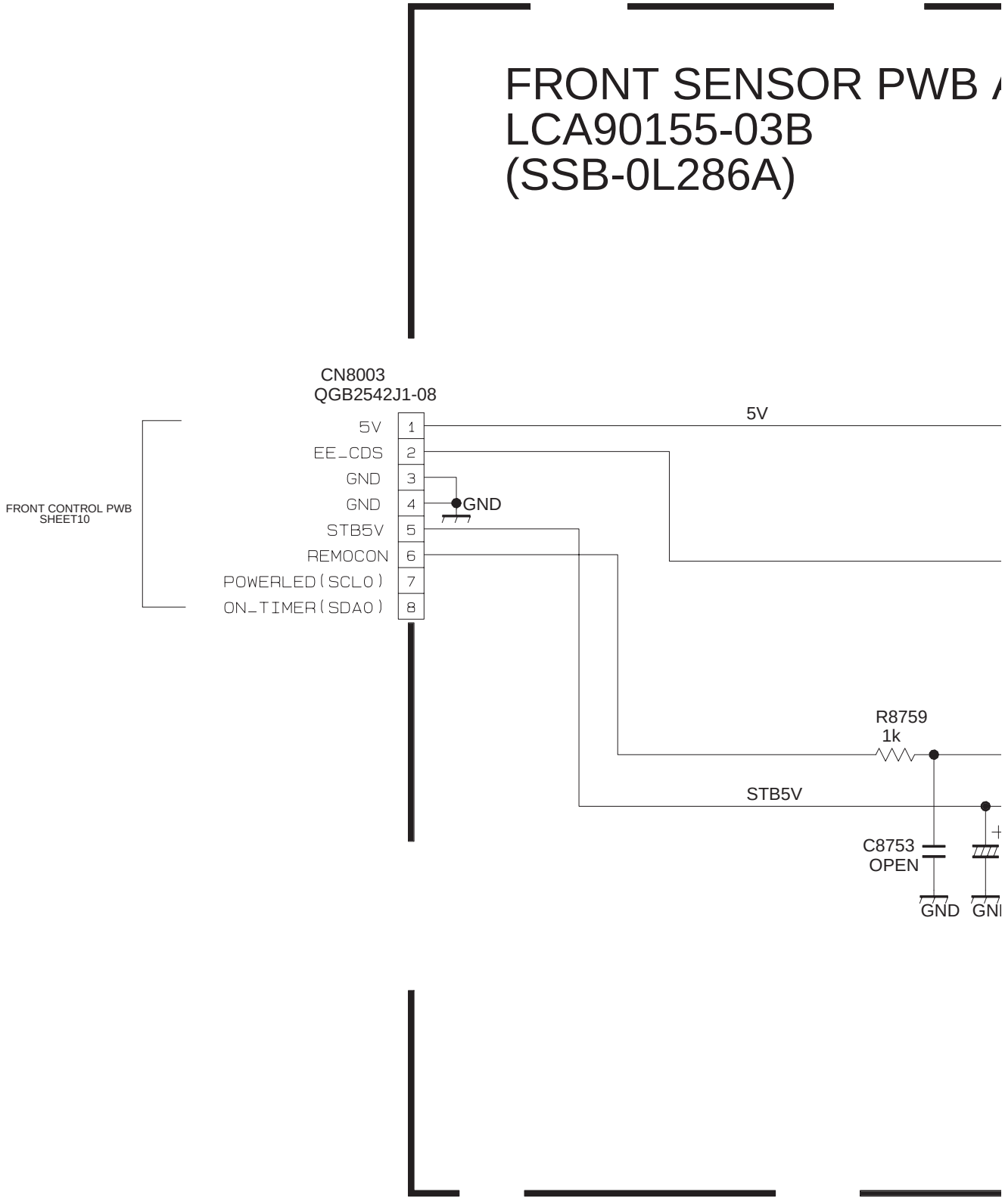


REGURATOR PWB ASS'Y
LCA90150-03C
(SSB-9186A)



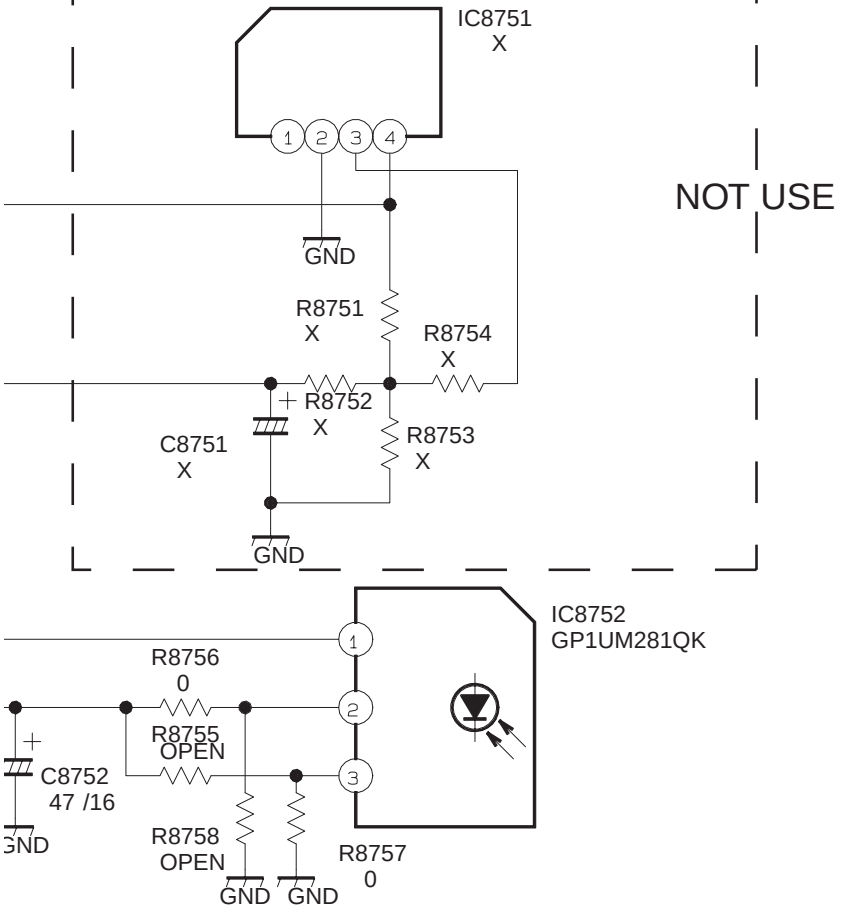
NOTES) 1.Please refer to page 2-35 for voltages of circuit diagram

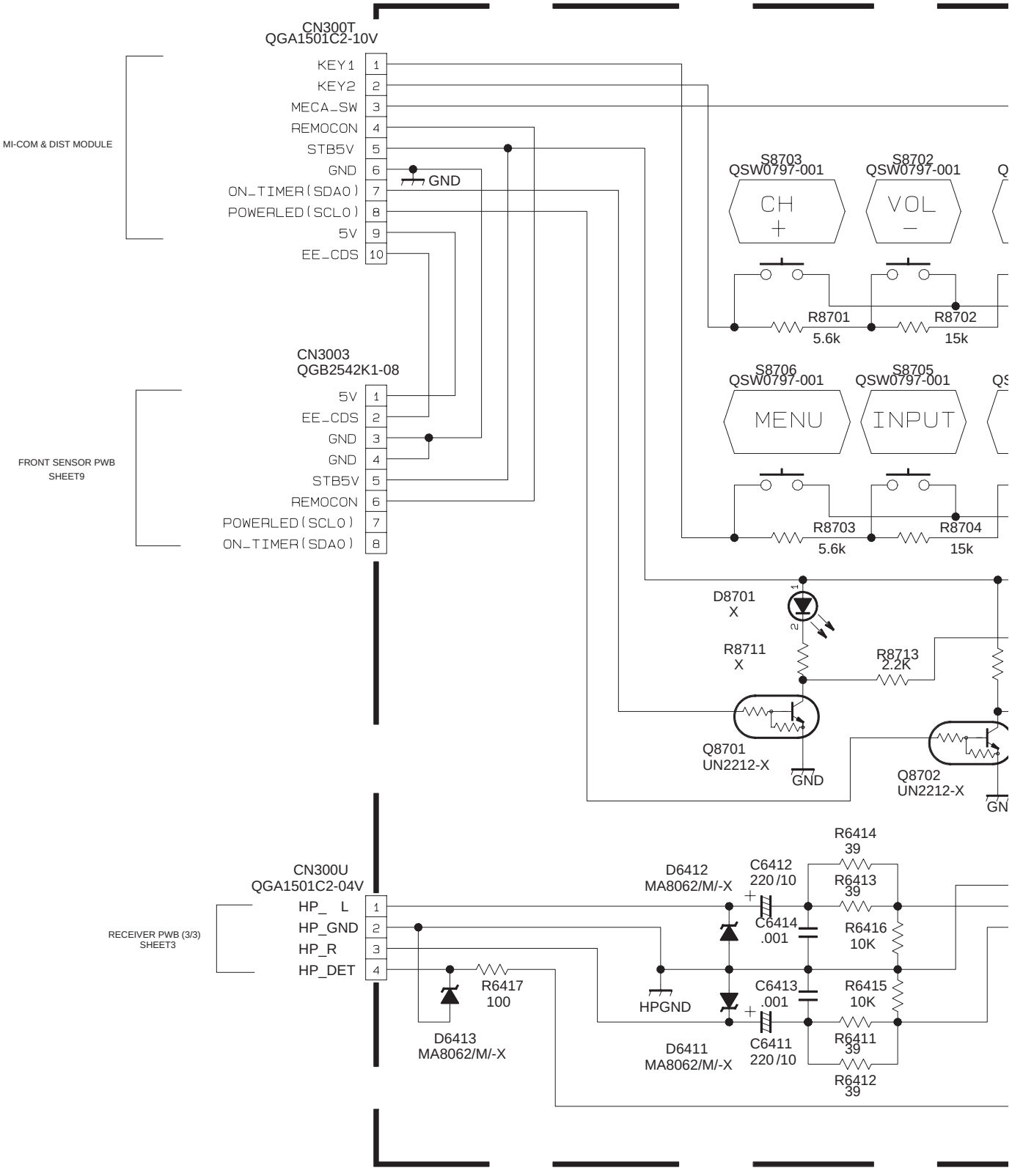

R9807
4.7K
R9808
1k
C9815
NEH91CM-476X
47/16
C9803
R9802
6.8
1/2W
C9804
OPEN
R9805
OPEN
R9809
10K
D9802
MA111-X
D9809
PTZ11B-X
R9803
1.5k
R9804
1.5k
NRSA63D-152X
R9806
OPEN
R9810
1.2k
GND2
Q9801 2SD601A/QR/-X
R9818
4.7K
R9819
1k
C9816
NEH90JM-107X
100/6.3
Q9802
2SD601A/QR/-X
D9810
PTZ6.8B-X
D9804 MA111-X
C9807
R9812
22
1/2W
C9808
OPEN
R9814
OPEN
R9816
6.8k
R9817
1.8k
R9820
22k
R9813
1k
R9815
1k
D9805
MA3030/H/-X
C9809 1/50
NEH91HM-105X
L9807
10
NQL80CL-100X
C9814
100/6.3
NEH90JM-107X
C9817
NEH90JM-107X
R9822
22
1/2W
C9812
OPEN
R9824
OPEN
D9807
PTZ6.8B-X
R9826
6.8k
R9828
4.7K
R9829
1k
D9808
MA111-X
Q9803
2SD601A/QR/-X
R9823
1K
R9825
1K
R9827
1.8k



NOTES) 1.Please refer to page 2-35 for voltages of circuit diagram

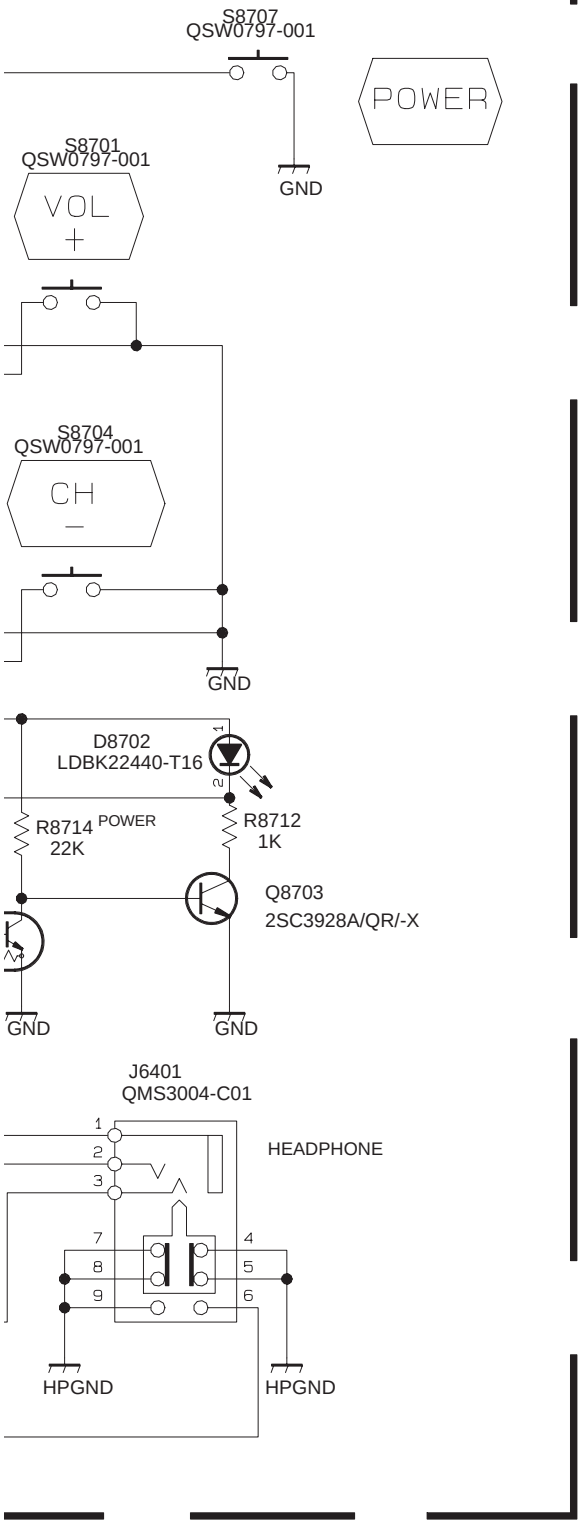
ASS'Y


IC8751
X
1
2
3
4
GND
R8751
X
R8754
X
R8752
X
C8751
X
R8753
X
GND
NOT USE
IC8752
GP1UM281QK
R8756
0
R8755
OPEN
C8752
47 /16
GND
R8758
OPEN
R8757
0
GND
GND



NOTES) 1.Please refer to page 2-35 for voltages of circuit diagram

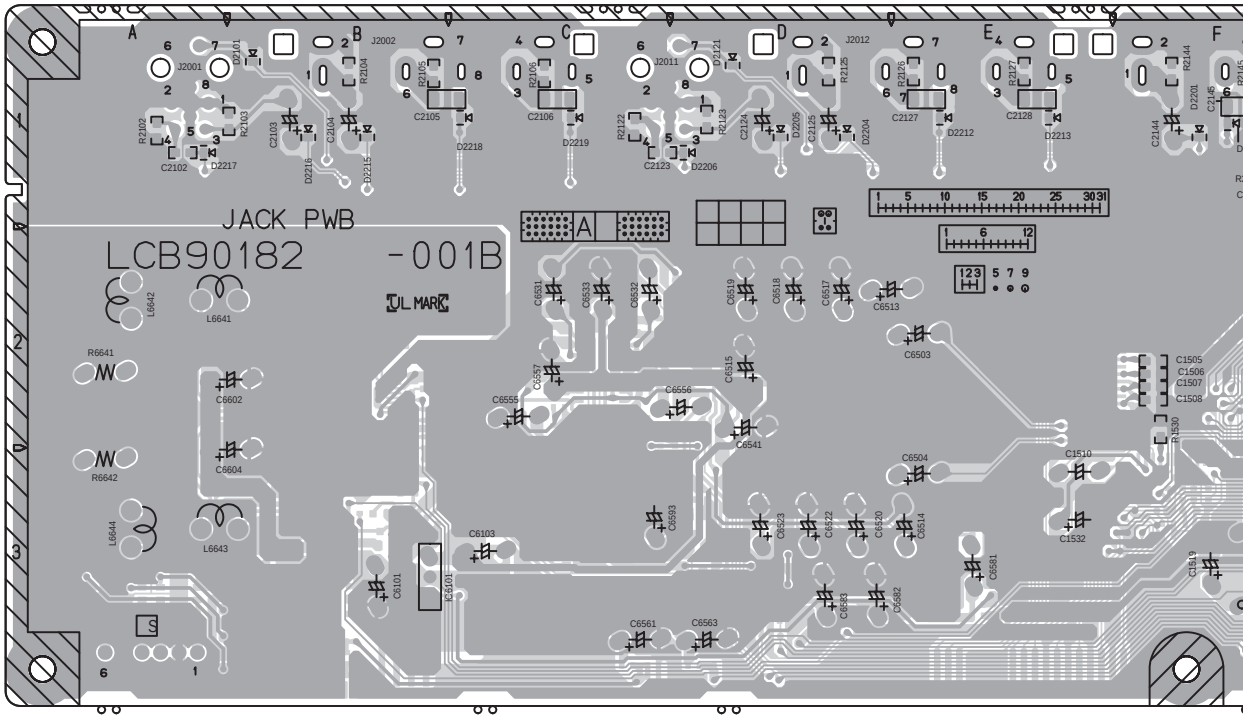
FRONT CONTROL PWB ASS'Y
LCA90154-03D
(SSB-0L386A)



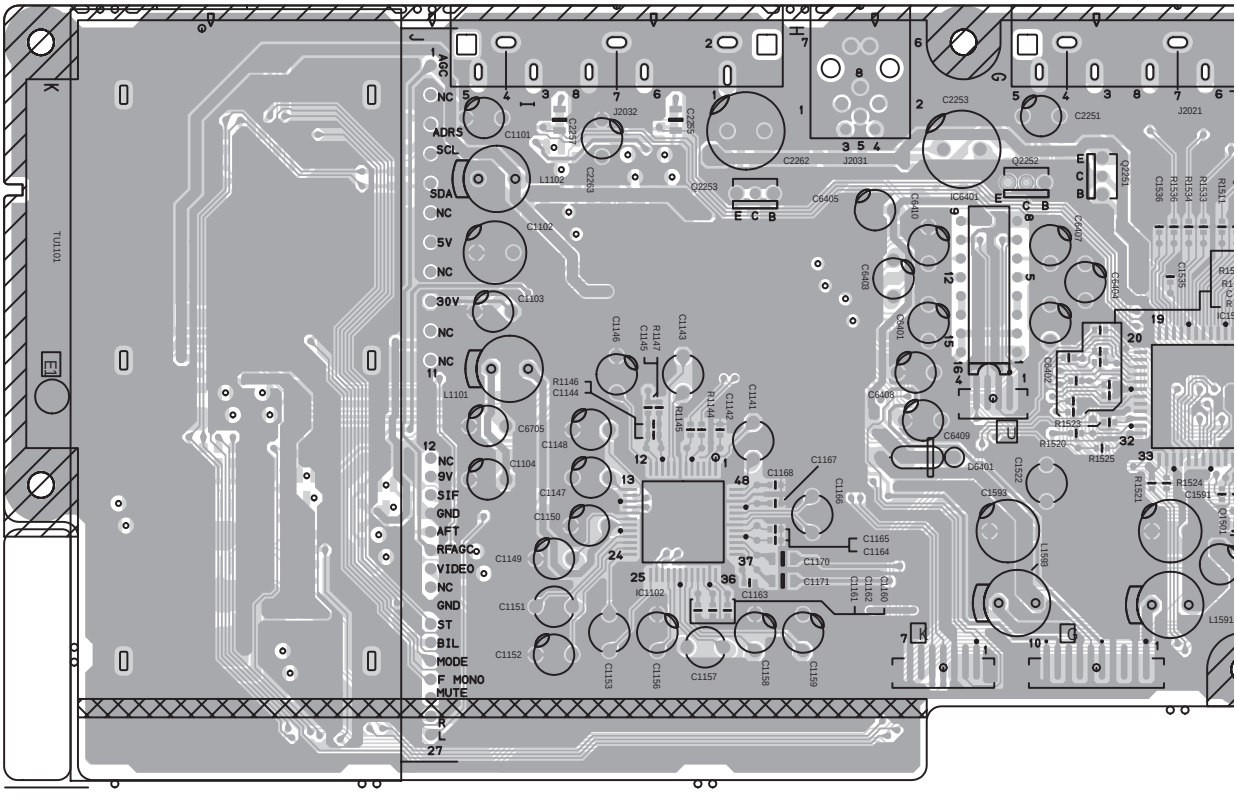
PATTERN DIAGRAMS

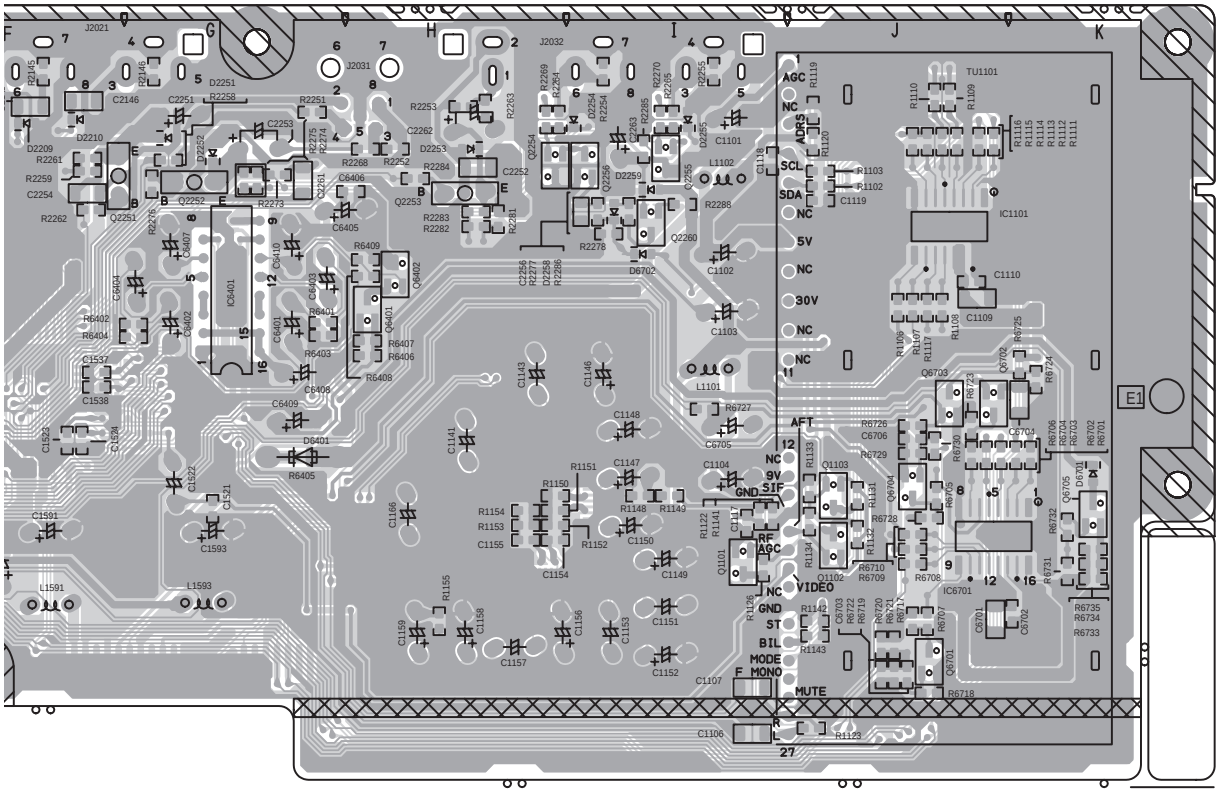
RECEIVER PWB PATTERN [SOLDER SIDE]

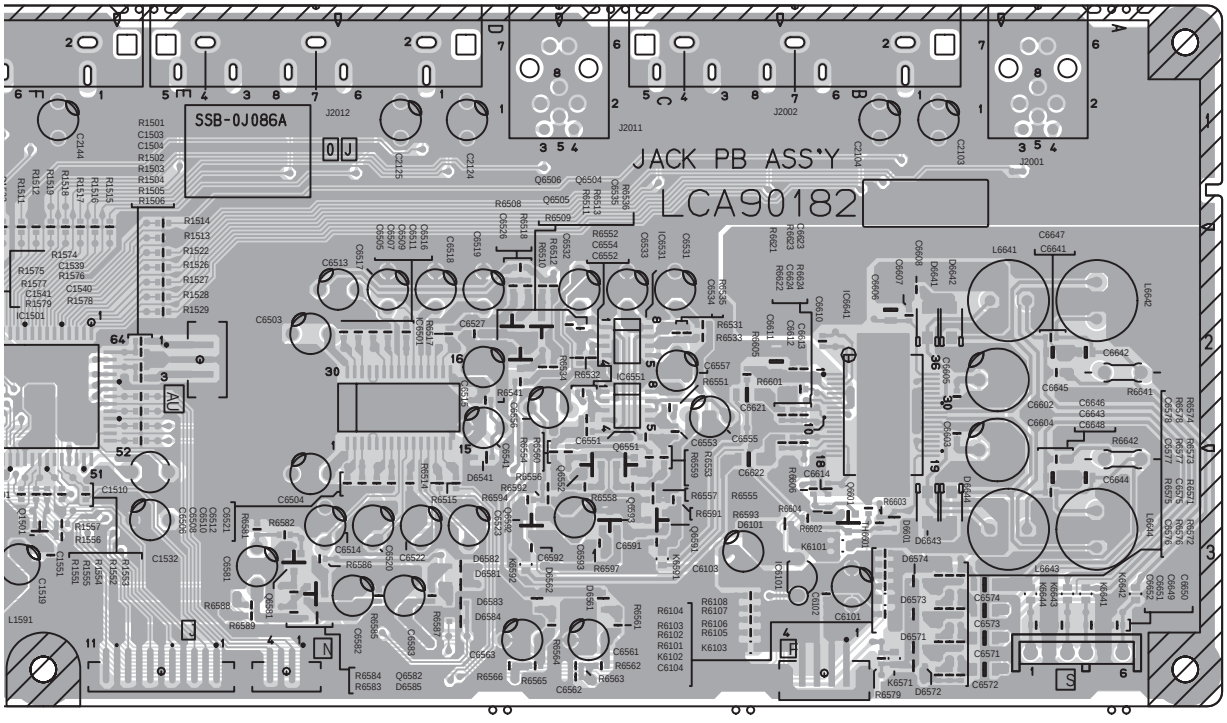
TOP



RECEIVER PWB PATTERN [PARTS SIDE]

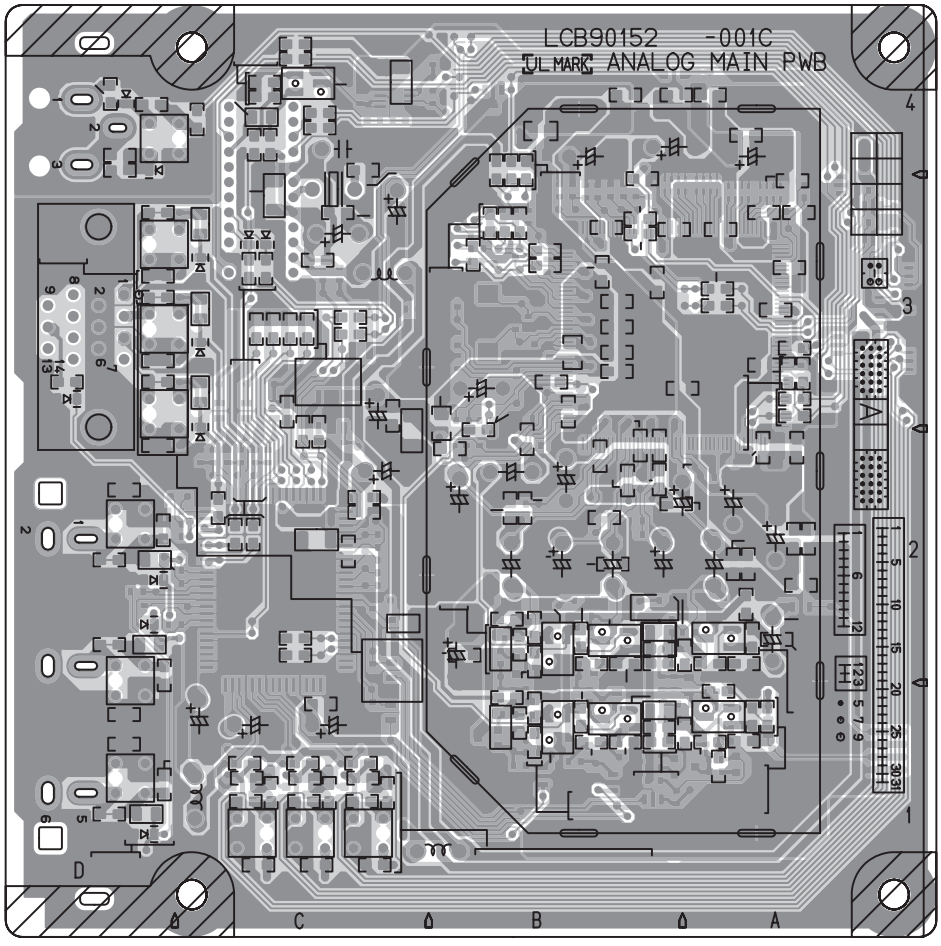



AGC
NC
ADRS
SCL
SDA
NC
5V
NC
30V
NC
NC
AFT
NC
9V
ST
GND
RF
AGC
NC
VIDEO
GND
ST
BIL
MODE
F MONO
MUTE
TU1101
IC1101
IC6701
E1


SSB-0J086A
JACK PB ASS'Y
LCA90182
IC1501
IC6503
IC6551
IC6641
IC6101
IC6103
K6101
K6103
K6641
K6642
K6643
K6644
TOP

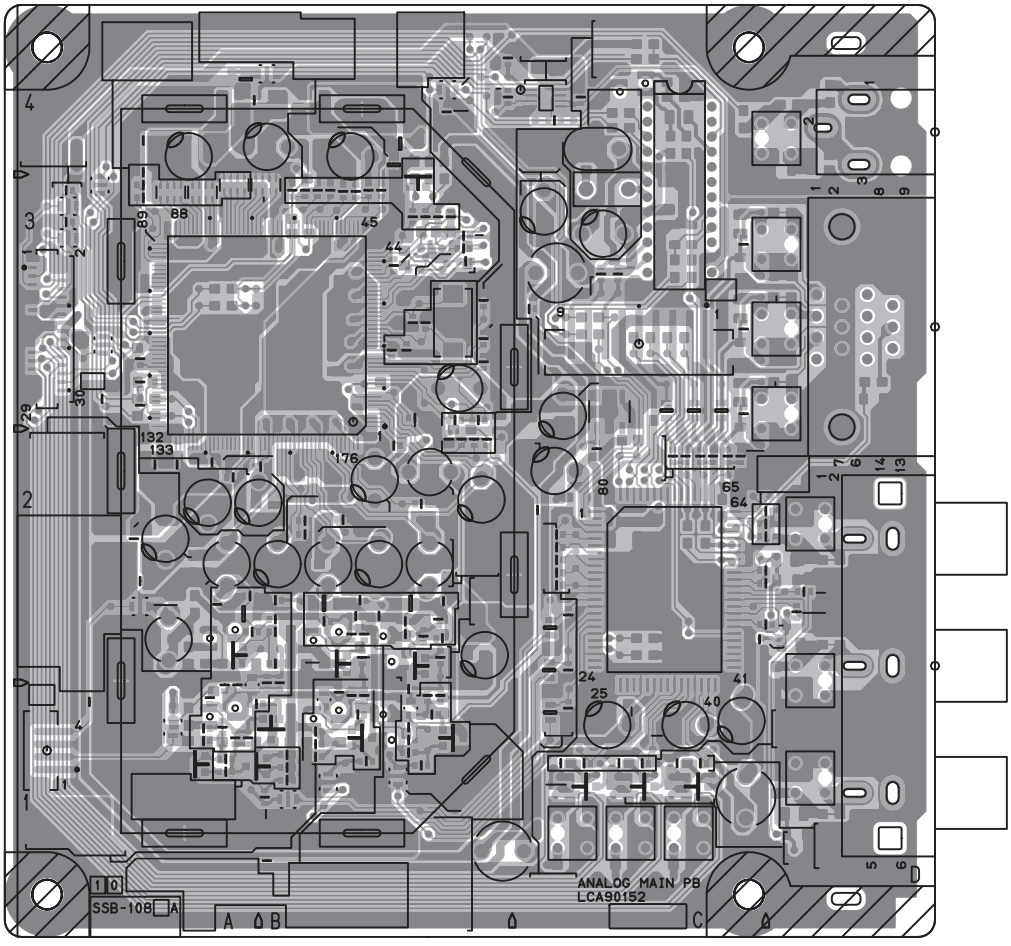
VIDEO PWB PATTERN [SOLDER SIDE]

TOP

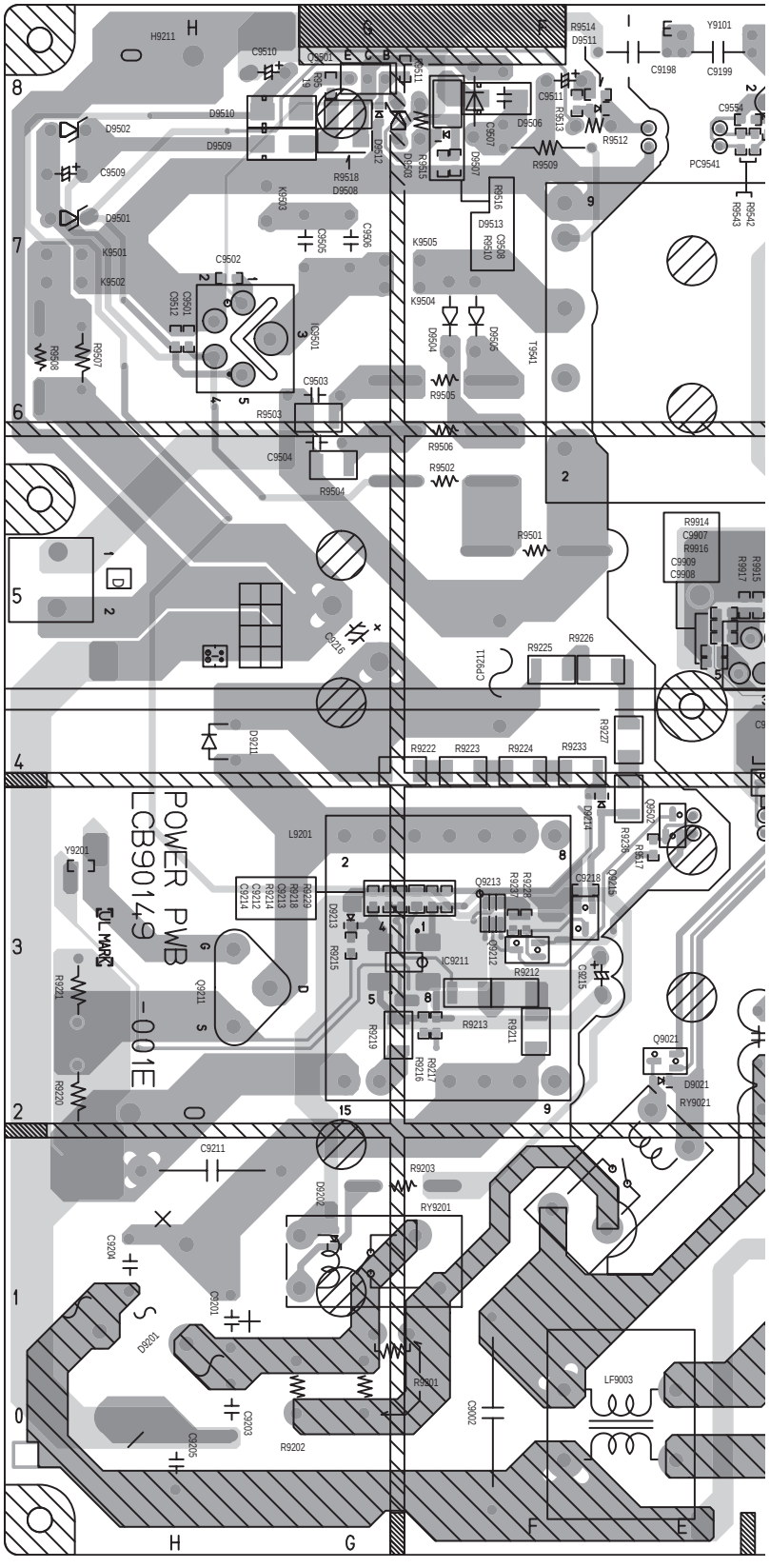


VIDEO PWB PATTERN [PARTS SIDE]

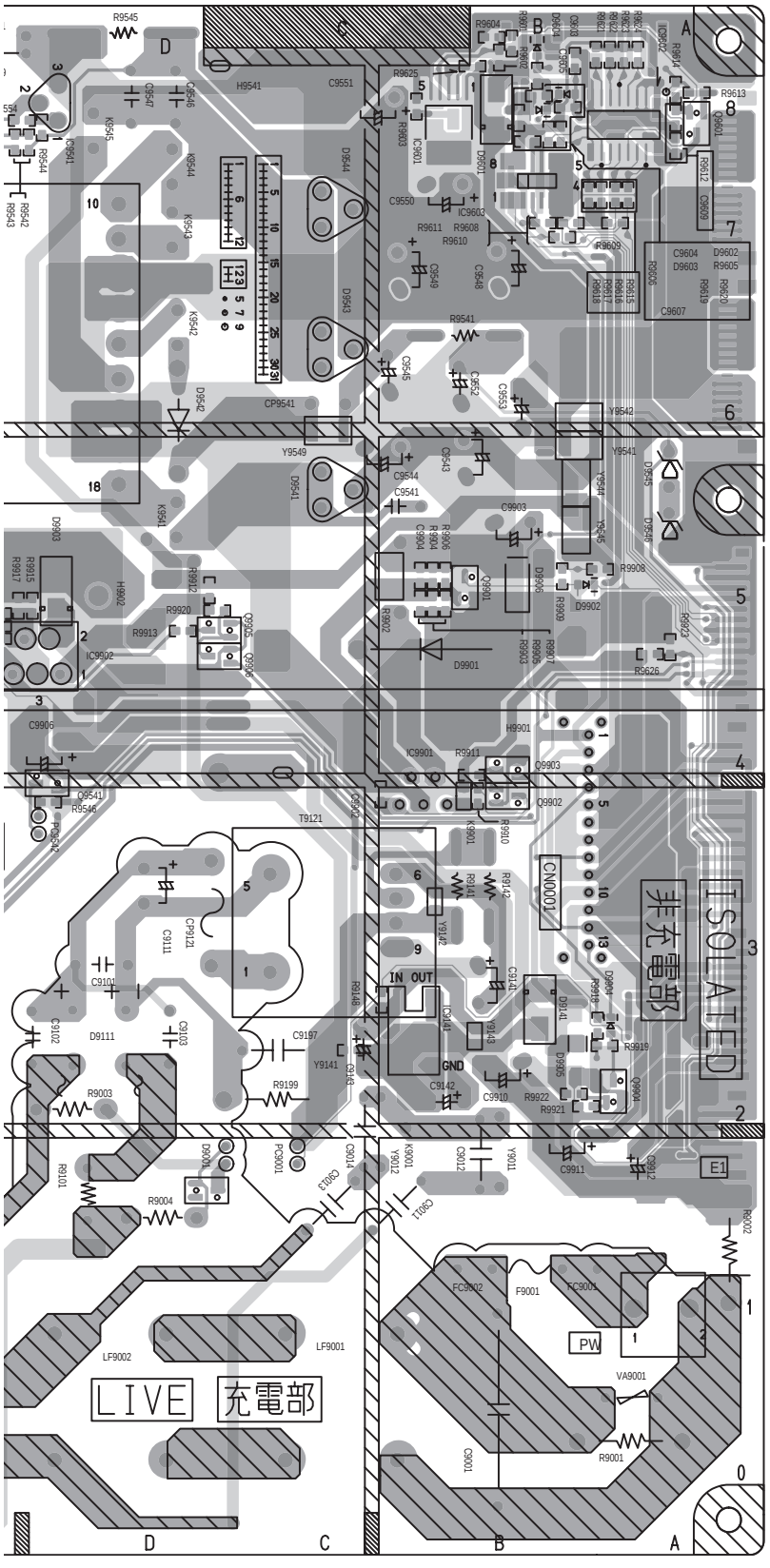
TOP



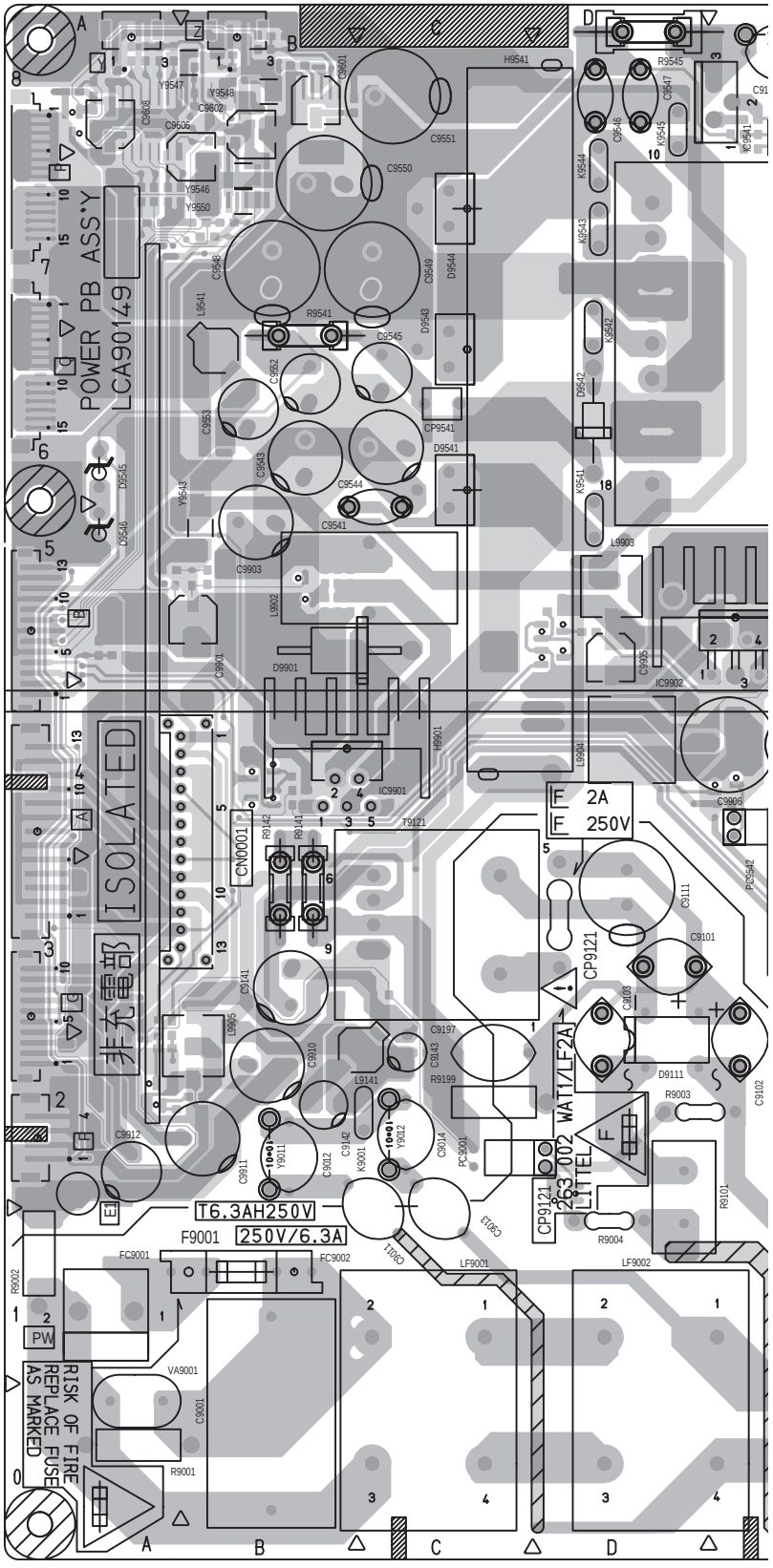
TOP



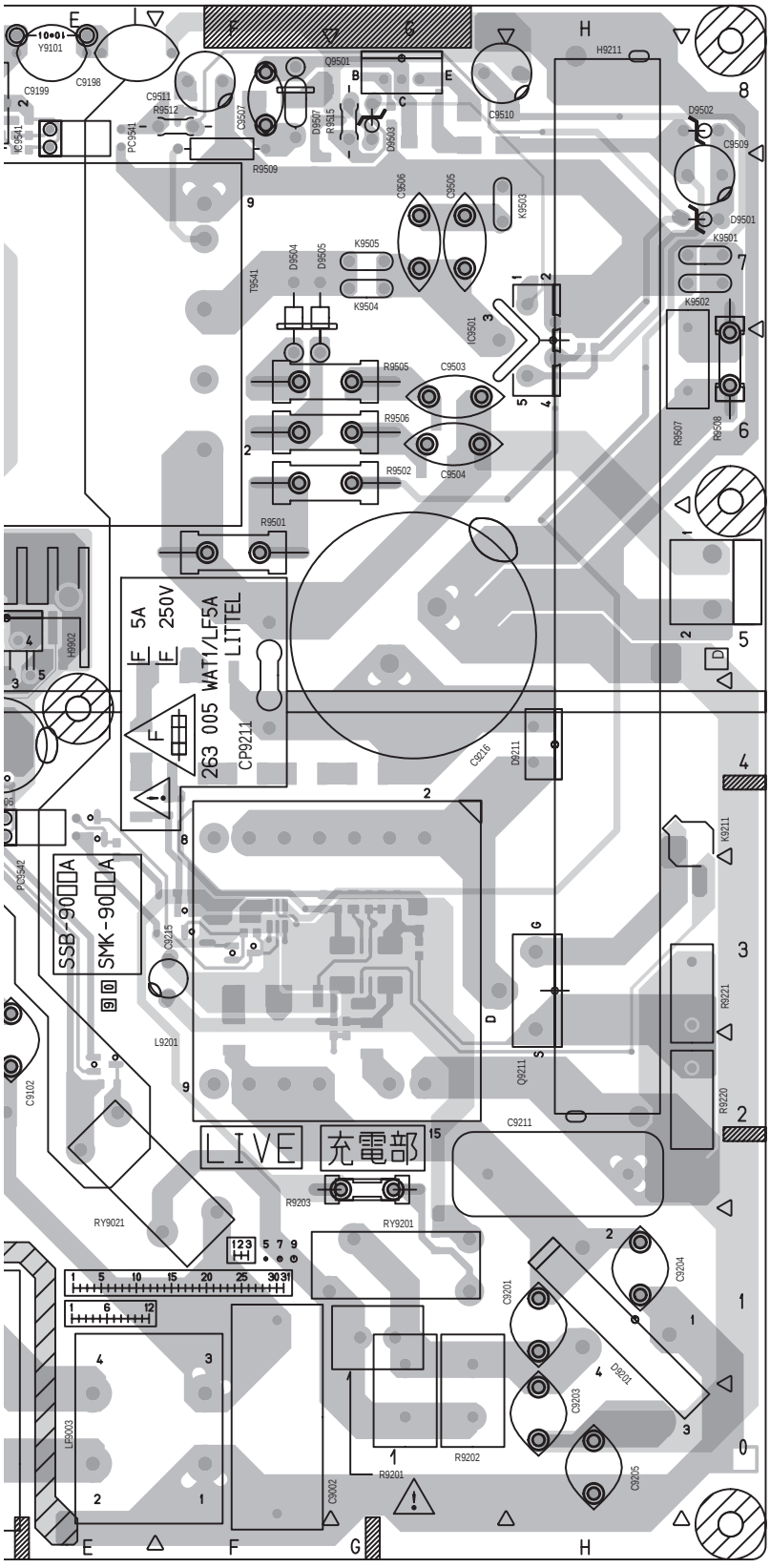
TOP



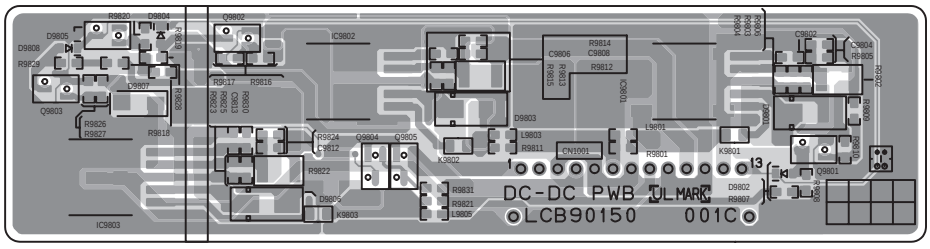
TOI


POWER PB ASS'Y
LCA90149
ISOLATED
非充電部
T6.3AH250V
F9001
250V/6.3A
F 2A
F 250V
WAT1/LF2A
RISK OF FIRE
REPLACE FUSE
AS MARKED
CN0001
PW

TOP

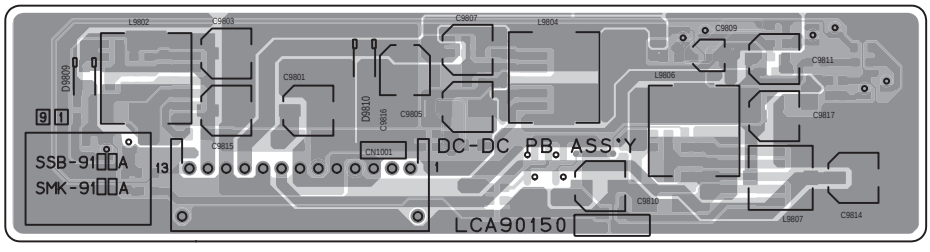


REGURATOR PWB PATTERN [SOLDER SIDE]



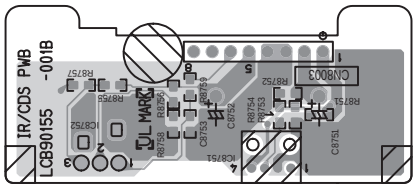
FRONT

REGURATOR PWB PATTERN [PARTS SIDE]



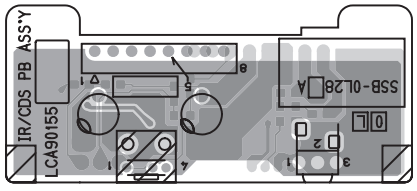
FRONT

FRONT SENSOR PWB PATTERN [SOLDER SIDE]



FRONT

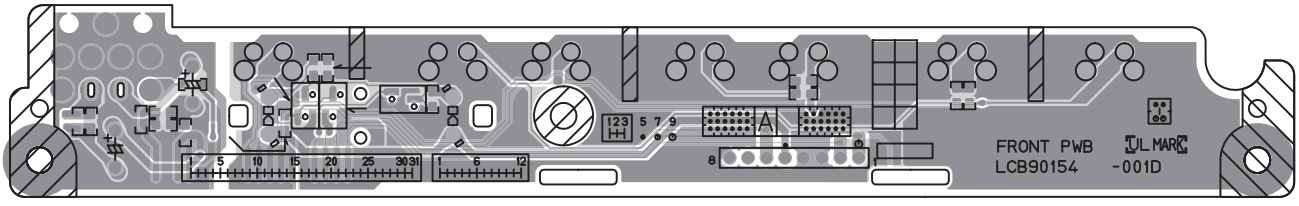
FRONT SENSOR PWB PATTERN [SOLDER SIDE]



FRONT

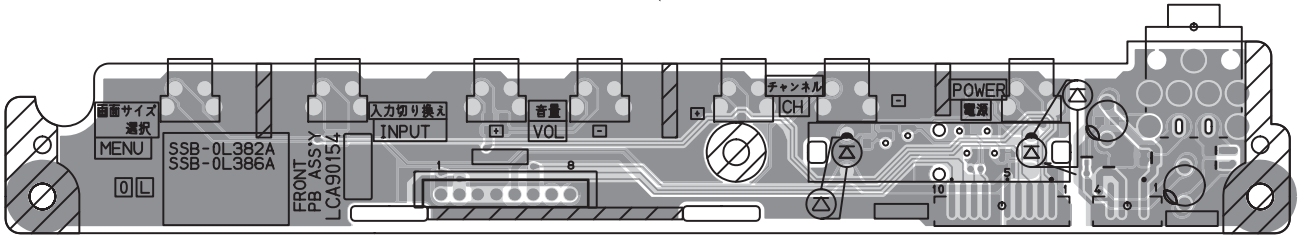
FRONT CONTROL PWB PATTERN [SOLDER SIDE]

TOP



FRONT CONTROL PWB PATTERN [PARTS SIDE]

TOP



VOLTAGE CHARTS

<RECEIVER>
[SHEET1]

MODE PIN NO.	DC (V)
IC1101	
1	0
2	4.2
3	3.0
4	0.5
5	0.5
6	0.5
7	0.5
8	0
9	0.5
10	0
11	0.5
12	0.5
13	5.2
14	5.2
15	0
16	0
IC1102	
1	4.2
2	4.2
3	4.1
4	4.1
5	2.9
6	4.2
7	0
8	4.1
9	0
10	4.1
11	4.0
12	5.3
13	4.1
14	1.3
15	1.3
16	0
17	0
18	3.1
19	9.0
20	0
21	4.1
22	4.1
23	4.2
24	3.9
25	4.1
26	4.0
27	4.1
28	1.7
29	4.1
30	4.1
31	1.7
32	4.0
33	4.1
34	4.1
35	0
36	4.1
37	4.1
38	4.1
39	4.1
40	4.1
41	4.1
42	0
43	4.1
44	0
45	4.2
46	0
47	4.2
48	4.1
Q1101	
E	0
C	4.2
B	0
Q1102	
E	5.4
C	0
B	4.8
Q1103	
E	4.8
C	9.0
B	5.4
TU1101	
1	4.2
2	5.8
3	5.2
4	4.3
5	3.0
6	0
7	5.2
8	0
9	31.9
10	0
11	0
12	0
13	0
14	2.4
15	0
16	4.8
17	4.2
18	2.5
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
CN000K	
1	4.8
2	0
3	0
4	2.9
5	4.3
6	3.3
7	0

[SHEET2]

MODE PIN NO.	DC (V)
IC1501	
1	4.3
2	4.5
3	4.0
4	4.4
5	4.4
6	0
7	5.0
8	4.0
9	4.5
10	3.9
11	4.5
12	4.4
13	0
14	5.0
15	3.9
16	4.5
17	3.9
18	4.5
19	4.4
20	0.1
21	5.1
22	3.9
23	4.5
24	4.0
25	4.5
26	4.4
27	0
28	5.0
29	4.5
30	5.5
31	4.4
32	0
33	4.3
34	2.9
35	0
36	0
37	4.4
38	4.5
39	3.7
40	4.5
41	3.7
42	9.0
43	4.5
44	4.3
45	4.5
46	3.7
47	4.4
48	0
49	3.9
50	4.5
51	4.4
52	4.5
53	3.7
54	4.5
55	3.7
56	3.2
57	0
58	4.3
59	4.5
60	3.9
61	4.5
62	4.5
63	3.9
64	4.4
Q2251	
E	5.1
C	0.0
B	4.9
Q2252	
E	4.4
C	0.0
B	3.8
Q2253	
E	4.5
C	0.0

MODE PIN NO.	DC (V)
B	3.8
Q2254	
E	0.0
C	0.0
B	-0.4
Q2255	
E	0.0
C	0.0
B	-0.2
Q2256	
E	0.0
C	-0.2
B	0.0
Q2260	
E	9.0
C	-0.3
B	8.9
CN000J	
1	4.4
2	0
3	4.3
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0

[SHEET3]

MODE PIN NO.	DC (V)
IC6101	
1	11.9
2	0.0
3	13.9
IC6401	
1	0.0
2	2.0
3	1.9
4	1.9
5	2.0
6	3.8
7	1.9
8	0.0
9	4.5
10	1.9
11	0.0
12	1.9
13	2.0
14	1.9
15	1.9
16	1.9
IC6501	
1	5.9
2	6.0
3	6.0
4	5.9
5	5.9
6	6.0
7	5.9
8	6.0
9	0.9
10	6.0
11	3.0
12	2.9
13	4.1
14	4.2
15	0.0
16	11.9
17	4.5
18	0.0
19	5.3
20	5.2
21	5.9
22	6.0
23	6.0
24	6.0
25	6.0
26	6.0
27	6.0
28	6.0
29	6.0
30	6.0
IC6531	
1	6.2
2	6.3
3	6.2
4	0.0
5	6.2
6	6.2
7	6.3
8	11.9
IC6551	
1	6.3
2	6.3

MODE PIN NO.	DC (V)
3	6.2
4	0.0
5	6.2
6	0.0
7	6.3
8	11.9
IC6641	
1	5.1
2	0.0
3	6.9
4	5.1
5	0.0
6	1.0
7	4.3
8	0.0
9	5.1
10	2.4
11	2.3
12	0.0
13	0.0
14	2.4
15	2.4
16	2.4
17	0.0
18	0.0
19	0.0
20	0.0
21	0.0
22	0.0
23	0.0
24	7.0
25	13.9
26	13.9
27	13.9
28	6.9
29	9.6
30	13.9
31	6.9
32	0.0
33	13.9
34	0.0
35	0.0
36	22.1
IC6701	
1	0.0
2	4.5
3	4.2
4	5.2
5	0.0
6	5.4
7	5.4
8	0.0
9	0.1
10	5.3
11	5.4
12	0.0
13	5.4
14	0.0
15	0.0
16	5.5
Q6401	
E	3.5
C	3.4
B	0.0
Q6402	
E	0.0
C	0.0
B	3.5
Q6504	
E	0.0
C	0.0
B	0.6
Q6505	
E	0.0
C	0.0
B	0.6
Q6506	
E	0.8
C	0.6
B	0.2
Q6551	
E	0.0
C	0.0
B	0.5
Q6552	
E	00
C	0.0
B	0.5
Q6581	
E	0.0
C	11.8
B	0.0
Q6582	
E	11.4
C	-0.4
B	11.8
Q6591	

MODE PIN NO.	DC (V)
E	0.0
C	0.0
B	-0.7
Q6592	
E	0.0
C	0.0
B	-0.9
Q6593	
E	0.0
C	-0.8
B	0.0
Q6601	
E	0.0
C	0.0
B	0.6
Q6702	
E	5.4
C	5.4
B	4.7
Q6703	
E	0.0
C	0.0
B	0.6
Q6704	
E	0.0
C	5.4
B	0.0
Q6705	
E	5.4
C	0.0
B	5.3

<VIDEO>
[SHEET4]

MODE PIN NO.	DC (V)
IC9211	
1	-42.5
2	-41.5
3	-43.0
4	-42.9
5	-42.0
6	-42.7
7	-30.8
8	-24.1
Q9021	
E	0.0
C	0.3
B	3.2
Q9211	
S	-43.9
D	45.6
G	-30.9
Q9212	
E	0.0
C	-28.4
B	-43.5
Q9213	
1	-44.0
2	-44.0
3	-24.0
4	-24.0
5	-28.4
6	-44.0
Q9215	
E	-42.1
C	-42.0
B	-41.5

[SHEET5]

MODE PIN NO.	DC (V)
IC1211	
1	0.0
2	0.0
3	0.3
4	0.0
5	0.0
6	6.2
7	4.9
8	8.9
9	1.2
10	0.0
11	0.0
12	0.0
13	0.6
14	0.0
15	0.0
16	4.2
17	4.1
18	4.4
19	2.2
20	1.3
21	2.2
22	0.3
23	0.0
24	0.0
IC1212	
1	3.2
2	3.2
3	0.2
4	0.0
5	0.5
6	0.5
7	3.2
8	3.2
IC1301	
1	5.0
2	4.1
3	4.4
4	0.0
5	4.6
6	0.0
7	4.7
8	0.0
9	4.6
10	0.0
11	4.4
12	4.4
13	0.0
14	4.6
15	0.0
16	4.6
17	0.0
18	4.6
19	0.0
20	4.4
21	4.4
22	0.0
23	4.5
24	4.4
25	0.0
26	4.5

[SHEET5]

MODE PIN NO.	DC (V)
27	4.5
28	0.0
29	0.0
30	4.5
31	8.9
32	4.5
33	4.5
34	0.0
35	4.4
36	4.4
37	0.0
38	4.4
39	4.4
40	4.4
41	4.4
42	0.0
43	4.3
44	4.3
45	0.0
46	4.3
47	8.9
48	4.7
49	0.0
50	4.6
51	0.0
52	4.6
53	0.0
54	4.5
55	4.5
56	0.0
57	4.6
58	0.0
59	4.6
60	0.0
61	0.0
62	0.5
63	4.4
64	4.4
65	0.0
66	4.6
67	4.6
68	4.6
69	0.0
70	4.4
71	4.4
72	0.0
73	5.0
74	4.6
75	4.6
76	4.6
77	0.0
78	4.5
79	4.5
80	0.0
Q1232	
E	2.8
C	0.0
B	2.2
Q1301	
E	3.6
C	8.9
B	4.3
Q1302	
E	3.7
C	8.9
B	4.4
Q1303	
E	3.6
C	8.9
B	4.3
CN100H	
1	0
2	0
3	0.3
4	2.9
5	0
6	2.7
7	3.6
8	0
9	3.7
10	3.2
11	5.1
12	0
13	3.3
14	5.1
15	9.0
16	8.9
17	5.1
18	3.3
19	0
20	5.1
21	3.2
22	3.7
23	0
24	3.7
25	2.7
26	0.2

MODE PIN NO.	DC (V)
27	2.9
28	0.3
29	0
30	0
CN10AQ	
1	1.1
2	0
3	1.2
4	0
5	1.4
6	0
7	0
8	0
9	0

<POWER>
[SHEET6]

MODE PIN NO.	DC (V)
IC9211	
1	-42.5
2	-41.5
3	-43.0
4	-42.9
5	-42.0
6	-42.7
7	-30.8
8	-24.1
Q9021	
E	0.0
C	0.3
B	3.2
Q9211	
S	-43.9
D	45.6
G	-30.9
Q9212	
E	0.0
C	-28.4
B	-43.5
Q9213	
1	-44.0
2	-44.0
3	-24.0
4	-24.0
5	-28.4
6	-44.0
Q9215	
E	-42.1
C	-42.0
B	-41.5

[SHEET7]

MODE PIN NO.	DC (V)
IC9501	
1	-42.7
2	-43.3
3	340
4	-24.0
5	-40.5
IC9541	
1	15.0
2	14.4
3	0.0
IC9901	
1	15.6
2	3.6
3	0.0
4	3.3
5	2.4
IC9902	
1	21.2
2	13.9
3	0.0
4	1.3
5	6.7
Q9502	
E	-44.2
C	-28.6
B	-44.2
Q9541	
E	0.0
C	0.0
B	3.2
Q9901	
E	0
C	0
B	0.6
Q9902	
E	0.0
C	2.4
B	0.0
Q9903	
E	0.0
C	0.0
B	3.2
Q9904	
E	0.0
C	0.0
B	0.7
Q9905	
E	0.0
C	6.7
B	0.0
Q9906	
E	0.0
C	0.0
B	5.1
CN000A	
1	0
2	0
3	3.3
4	3.3
5	0
6	0

MODE PIN NO.	DC (V)
7	5.1
8	0
9	5.2
10	0
11	5.1
12	0
13	2.5
CN000B	
1	3.3
2	0
3	3.3
4	3.3
5	0
6	4.3
7	0
8	3.0
9	32.3
10	0
11	20.8
12	0
13	13.7

<REGURTOR>
[SHEET8]

MODE PIN NO.	DC (V)
IC9801	
1	21.2
2	9.2
3	0.0
4	9.0
5	2.5
IC9802	
1	21.2
2	5.4
3	0.0
4	5.0
5	2.5
IC9803	
1	15.7
2	5.2
3	0.0
4	4.9
5	2.1
Q9801	
E	0.0
C	0.0
B	0.6
Q9802	
E	0.0
C	0.0
B	0.0
Q9803	
E	0.0
C	0.0
B	0.6
Q9804	
E	0.0
C	0.0
B	3.2
Q9805	
E	0.0
C	2.1
B	0.0

<FRONT SENSOR>
[SHEET9]

MODE PIN NO.	DC (V)
IC8752	
1	3.5
2	5.4
3	0.0

<FRONT CONTROL>
[SHEET10]

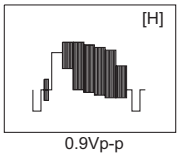
MODE PIN NO.	DC (V)
Q8701	
E	0
C	2.4
B	0
Q8702	
E	0.0
C	0.7
B	0
Q8703	
E	0
C	0
B	0.7
CN300T	
1	3.3
2	3.3
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0

WAVE FORMS

－RECIEVER PWB－

[SHEET1]

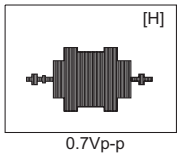
TU1101-18



0.9Vp-p

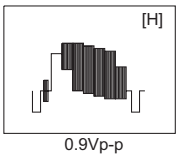
[SHEET2]

IC1501-5



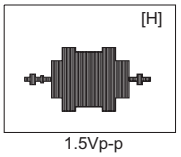
0.7Vp-p

IC1501-30



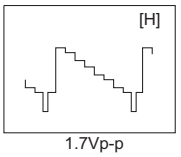
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IC1501-37



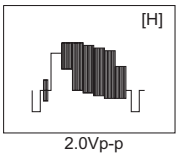
1.5Vp-p

IC1501-39



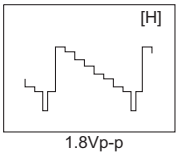
1.7Vp-p

IC1501-41



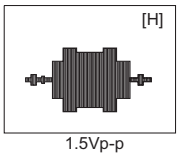
2.0Vp-p

IC1501-44



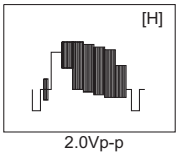
1.8Vp-p

IC1501-47



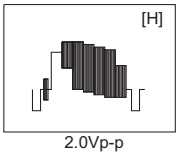
1.5Vp-p

IC1501-49



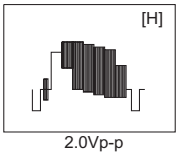
2.0Vp-p

IC1501-53



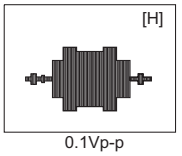
2.0Vp-p

IC1501-56



2.0Vp-p

IC1501-58

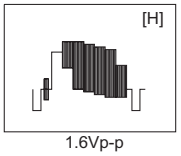


0.1Vp-p

－VIDEO PWB－

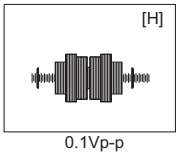
[SHEET4]

IC3001-7



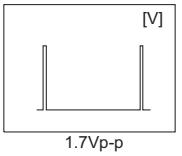
1.6Vp-p

IC3001-13



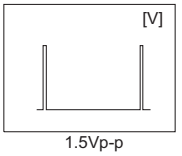
0.1Vp-p

IC3001-42



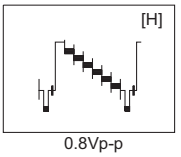
1.7Vp-p

IC3001-136



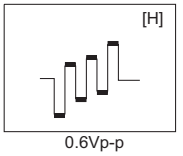
1.5Vp-p

IC3001-157



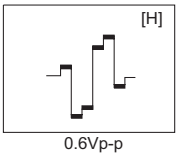
0.8Vp-p

IC3001-163



0.6Vp-p

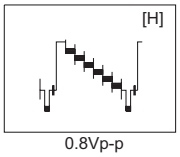
IC3001-169



0.6Vp-p

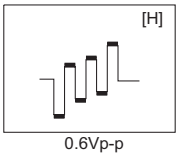
[SHEET5]

IC1301-14



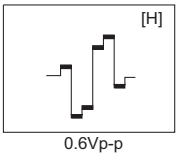
0.8Vp-p

IC1301-16



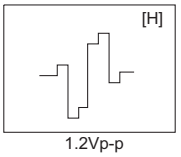
0.6Vp-p

IC1301-18



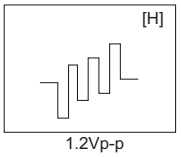
0.6Vp-p

IC1301-35



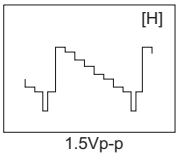
1.2Vp-p

IC1301-36



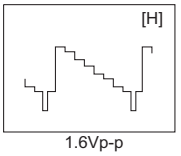
1.2Vp-p

IC1301-38



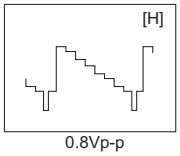
1.5Vp-p

IC1301-46



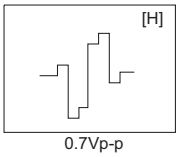
1.6Vp-p

IC1301-48



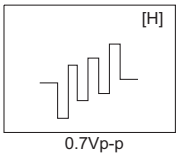
0.8Vp-p

IC1301-50



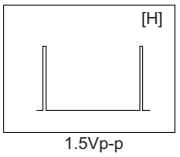
0.7Vp-p

IC1301-52



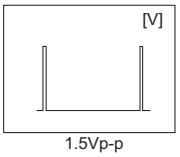
0.7Vp-p

IC1211-3



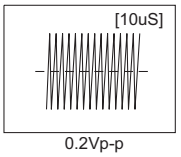
1.5Vp-p

IC1211-4



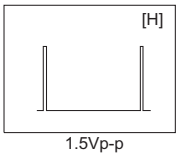
1.5Vp-p

IC1211-7



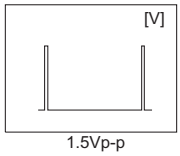
0.2Vp-p

IC1211-13



1.5Vp-p

IC1211-22



1.5Vp-p

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